

SAPICI



high performance polymers technology

>>> about us

Established in Italy in 1936, SAPICI is a global leading company in high-performance polyurethanes for Coating, Flexible Packaging, Industrial Adhesives, Prepolymers, Inks, and more.

成立於1936年，撒比斯是一家在涂料，软包装，工业用粘合剂，预聚物，油墨和更多高性能要求的聚氨酯应用上的全球领先企业



SAPICI is an expert company that produces custom prepolymers with very flexible capabilities to fit any kind of request.

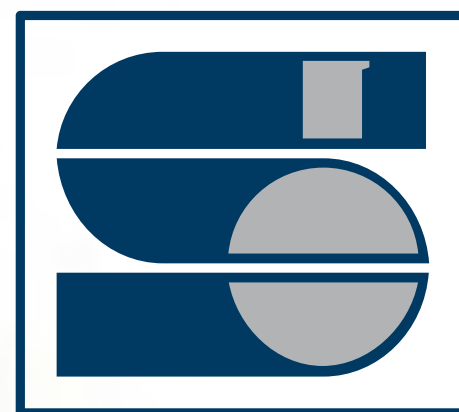
SAPICI is one of the few companies capable to manage every kind of isocyanate: TDI, MDI, HDI, IPDI, HI2MDI, XDI.

撒比斯拥有的专门知识使其能灵活地定制不同的预聚物以配合任何应用上的要求
撒比斯是全球中少数的公司有能力管理不同种类的异氰酸酯：
TDI, MDI, HDI, IPDI, HI2MDI, XDI



24% of 2016 turnover is represented by products < 5 years old

在2016年销售中，估计约24%的销售额来自少于5岁的产品



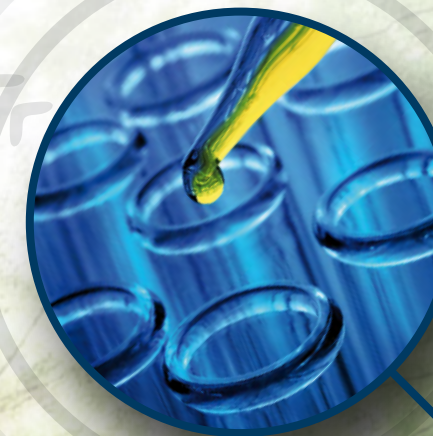
SAPICI

S.A.P.I.C.I. is the acronym of:
Società Azionaria Per l'Industria Chimica Italiana

That means Limited Company for the Italian chemical industry, but in 80 years of history we are globally recognized as an INTERNATIONAL company.

撒比斯的名字是下面意大利文首字母缩略词:
Società Azionaria Per l'Industria Chimica Italiana

其意思是意大利化工工业有限公司，一家拥有80年历史并且全球已认识的国际公司



SAPICI is always focused on the future to maintain its leadership so other than the standard products is also able to produce:

- Very low monomer content prepolymers <0.1% to make non dangerous products;
- Very low viscosity polyisocyanates;
- Tailor made polymers to satisfy the needs of every customer.

撒比斯始终专注于未来，贯彻其领导风格，除了生产标准产品还能生产以下产品：

- 极低游离单体含量的预聚物（少于0.1%），使其不成为危险品
- 极低黏度的聚异氰酸酯
- 定制化的聚合物以满足每一客户的需要



innovation as priority



Gross Value: Euro >120 Million
Total production capacity: 50KT
Total employees: 170

总销售额: 大于欧元1亿2千万
总生产能力: 5 万吨
雇员总数: 170人



ITALY

CHINA



Headquarter 总部
Caronno Pertusella
Varese - Italy



Plant 1 第一工厂
Cernusco sul Naviglio
Milan - Italy



Oversea plant 海外工厂
Zhuhai
Jinwan District - China



Plant 2 第二工厂
San Cipriano Po
Pavia - Italy



technical support

wherever you are

R&D

All our plants have their own lab in order to have a fast response to the needs of our customers.

研发
所有工厂皆有自身的实验室以确保快速回应客户的需求

TECHNICAL SERVICE

Providing on-site support on global scale.

技术服务
在全球框架内提供到位的支持

PROBLEM SOLVING

Providing consultation, problem solving services and analytical testing for chemicals related to industrial products.

解决问题
在工业产品有关的化学品上提供咨询和解决问题方案的服务, 还有分析测试

TRAINING

Performing in-house training for customers and distributors.

培训
进行与客户或者代理商的内部培训

QUALITY CONTROL

All the raw materials and the finish product are tested in order to check if they meet the requirements.

品质管理
所有原材料和成品皆通过测试以确保符合要求



The sales network covers: 85 countries with 44 distributors.

销售网络遍布全球: 85个国家包含44家分销商

▶ EUROPE

Austria, Belarus, Belgium, Bosnia-Herzegovina, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Great Britain, Greece, Holland, Hungary, Ireland, Italy, Kazakhstan, Latvia, Norway, Poland, Portugal, Romania, Russia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey, Ukraine.

▶ ASIA

Bangladesh, China, India, Indonesia, Japan, Malaysia, Singapore, South Korea, Sri Lanka, Taiwan, Thailand, Vietnam.

▶ AFRICA

Algeria, Botswana, Egypt, Ethiopia, Kenya, Madagascar, Malawi, Mauritius, Morocco, Mozambique, Namibia, Nigeria, Reunion, South Africa, Swaziland, Tanzania, Tunisia, Uganda, Zambia, Zimbabwe.

▶ MIDDLE EAST

Bahrain, Iran, Jordan, Kuwait, Lebanon, Oman, Qatar, Saudi Arabia, UAE.

▶ NORTH AMERICA

USA, Mexico.

▶ SOUTH AMERICA

Argentina, Brasil, Chile, Colombia, Equador, Paraguay, Peru, Uruguay.

▶ OCEANIA

Australia, New Zealand.





INDUSTRIAL		Blocked Isocyanates	POLURENE LP
		NCO Terminated Prepolymers	POLURENE LPI
FOOTWEAR		Solvent Based Isocyanates	UNI - DUR E
		Hydrodispersible Isocyanate	UNI - DUR WB
FLEXIBLE PACKAGING	Solvent Based	General Pourpose	POLURENE FP
		High Performance	POLURFLEX
		R40 Free	POLURFLEX
	Solvent Free	General Pourpose	POLURENE
		High Performance	POLURFLEX
		Monomer Free	POLURFLEX



PRODUCT RANGE 2017



diluents

BA	BUTYL ACETATE 乙酸丁酯
EA	ETHYL ACETATE 乙酸乙酯
IB	iso-BUTANOL 异丁醇
N	SOLVLESSO 100 100号芳香族溶剂
PMA	METHOXY PROPYL ACETATE PMA 丙二醇甲醚醋酸酯
WD	D40 WHITE SPIRIT D40溶剂 (白电油)
X	XYLENE 二甲苯

notes

% NV	Net Value/Solid Content	固含
TYPE	Type of Product	产品类型
SOLVENT	Solvent Used	溶剂
TYPE OF ISOCYANATE		异氰酸酯类型
% MONOMER	% of Free Monomer	游离单体含量
% NCO	Nco	含量
Vx mPa*s @ 23 °C	Viscosity at 23°C	黏度
MAX GARDNER COLOUR		最高色泽
Type of oil		油种
N.A. max	Acid Number	最大酸值
pH		酸碱值
N° OH	Hydroxyl Number	羟值
% OH	Hydroxyl Amine Value	羟基含量

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The TDI content <0.1% reduces its hazard classification - 其低於0.1%游离TDI单体含量降低其危害级别

product 产品	% NV ±2 固含	type 类型	solvent 溶剂	type of isocyanate 异氰酸酯类型	% monomer 游离单体含量	% NCO 含量	Vx mPa*s @ 23°C 黏度	max gardner colour 最高色泽	characteristics & main application 特性及主要应用范围
POLURGREEN AD - 01	75	adduct 加成物	EA	TDI	< 0.1	12.5 - 13.5	1200-3000	1	Polyurethane adduct for general purposes. Suitable for 2K varnishes and enamels. It impart to final systems good surface hardness, durability, brightness and solvent resistance. 通用型聚氨酯加成物, 适用于2K清漆和瓷漆, 漆膜最 终具有良好表面硬度, 持久性, 光泽和耐溶剂性。
POLURGREEN AD BA - 01	67	adduct 加成物	BA	TDI	< 0.1	11.5 - 12.1	400 - 800	1	Polyurethane adduct for general purposes. Suitable for 2K varnishes and enamels. It gives to final systems good surface hardness, durability, brightness and solvent resistance. 通用型聚氨酯加成物, 适用于2K清漆和瓷漆, 漆膜最 终具有良好表面硬度, 持久性, 光泽和耐溶剂性。
POLURGREEN HR - 01	50	isocyanurate 异氰酸酯	BA	TDI	< 0.1	7.7 - 8.1	700 - 1400	1	Fast drying hardener for 2K PU system with limited yellowing. Suitable for the formulation of sealers and matt topcoats it gives hardness to the final coating. 极快干, 低黄变性2K聚氨酯固化剂, 适用于配制底漆 和哑光面漆, 提高最终涂料的硬度。
POLURGREEN 60T - 01	60	adduct 加成物	BA	TDI	< 0.1	9.5 - 9.9	1200 - 2000	1	High versatile polyisocyanate used for the formulation of polyurethane sealers and topcoats. It's recommended for the formulation of matt and high gloss coatings in order to avoid bubbling. It gives the right balance between fast drying and long pot-life. 用于配制聚氨酯底漆和面漆的多功能聚异氰酸酯, 尤 其推荐在哑光和高光涂料上防止起暗泡或痼子, 给与 在快干和长使用期之间合适的平衡。
POLURGREEN OK - 01	60	mixed isocyanurate 混合型 异氰酸酯	BA	TDI HDI	< 0.1 < 0.1	9.8 - 10.3	500 - 1100	1	Aromatic-aliphatic hardener with good yellowing resistance. Suitable for polishable varnishes and enamels give to the final coating excellent hardness and good elasticity. 芳香族和脂肪族复配固化剂, 具良好耐黄变性, 适用 于抛光型清漆和瓷漆上, 给与最终涂料优异的硬度和 良好的弹性。
POLURGREEN FP75 - 01	75	adduct 加成物	EA	TDI	< 0.1	12.5 - 13.5	1200-3000	1	Polyurethane adduct version in accordance with EU, BFR and FDA regulations for food packaging. 符合EU, BFR和FDA 有关法规要求使用在食品包装上的聚氨酯加成物。

Polyurethane adduct with low free TDI content, for general pupouses: long pot life. High body filling,
high gloss and high flexibility. Hi compatibility with nitrocellulose, CAB, saturated polyesters, oh acrylic polyols and vinyl resins.

含低游离TDI单体的通用型聚氨酯加成物, 具长使用期, 高填充性,
高光泽和高柔韧性, 与硝化棉, CAB, 饱和聚酯, 羟基丙烯酸多元醇和氯醋树脂有高兼容性。

product 产品	% NV 固含	type 类型	solvent 溶剂	type of isocyanate 异氰酸酯类型	% monomer 游离单体含量	% NCO 含量	Vx mPa*s @ 23°C 黏度	max gardner colour 最高色泽
POLURENE AD	75	adduct 加成物	EA	TDI	< 0.5	12.5 - 13.5	1200 - 3000	1
POLURENE FP 75	75	adduct 加成物	EA	TDI	< 0.5	12.5 - 13.5	1200 - 3000	1
POLURENE AD 67	67	adduct 加成物	X PMA	TDI	< 0.5	10.8 - 11.8	1200 - 3000	2
POLURENE AD 67 BA LV	67	adduct 加成物	BA	TDI	< 0.5	11.5 - 12.3	400 - 800	1
POLURENE 60 T	60	adduct 加成物	BA	TDI	< 0.5	9.5 - 9.9	1200 - 2000	1
POLURENE AD HP	70	adduct 加成物	EA	TDI	< 0.5	9.5 - 10.5	2000 - 3000	1

product 产品	reactivity 反应性	pot-life 使用期	flexibility 挠性	yellowing 黄变性
POLURENE AD	+	+++	+++	+++
POLURENE 60 T	++	++	++	+
POLURENE AD HP	+++	+	+	++

* Metyoxypropylacetate 丙二醇甲醚醋酸酯
NB All specifications refer to the delivery form 所有数据均基於其供应态

Polyurethane isocyanurate with low free TDI content: fast curing, high hardness, limited yellowing. Suitable for the formulation of high quality sealer and topcoats. 低游离TDI含量的聚氨酯异氰酸酯, 快速固化, 高硬度, 有限的黄变性, 适合使用在高端的底漆和面漆上。								
product 产品	% NV 固含	type 类型	solvent 溶剂	type of isocyanate 异氰酸酯类型	% monomer 游离单体含量	% NCO 含量	Vx mPa*s @ 23°C 黏度	max gardner colour 最高色泽
POLURENE IR 51 BA	50	isocyanurate 异氰酸酯	BA	TDI	< 0.5	7.8 - 8.2	700 - 1200	1
POLURENE IR 51 EA	50	isocyanurate 异氰酸酯	EA	TDI	< 0.3	7.8 - 8.2	100 - 400	1
POLURENE HR.B.S.	50	isocyanurate 异氰酸酯	BA	TDI	< 0.5	7 - 7.4	400 - 800	1
POLURENE SB 50 BA	50	isocyanurate 异氰酸酯	BA	TDI	< 0.5	8 - 8.4	200 - 600	1
POLURENE 3031	50	isocyanurate 异氰酸酯	BA	TDI	< 0.5	8.5 - 9	250 - 650	1
POLURENE 7581	50	isocyanurate 异氰酸酯	BA	TDI	< 0.5	7.7 - 8.3	200 - 500	1
POLURENE IR 70 BA	70	isocyanurate 异氰酸酯	BA	TDI	< 0.5	12.5 - 13.5	800 - 2000	1
POLURENE IR 65 EA	65	isocyanurate 异氰酸酯	EA	TDI	< 0.5	11.1 - 11.15	250 - 450	1
POLURENE KC	50	mixed isocyanurate 混合型异氰酸酯	BA	TDI MDI	< 0.5	7.8 - 8	200 - 400	1

product 产品	NC compatibility 硝化棉兼容性	reactivity 反应性	pot-life 使用期	fullness 丰满度
POLURENE IR 51 BA	no	+++	-	+
POLURENE HR.B.S.	limited 有限	+++	+	++
POLURENE SB 50 BA	ok	++	+++	++
POLURENE 3031	ok	+	+++	+
POLURENE 7581	ok	+++	++	+++

2

NB All specifications refer to the delivery form 所有数据均基於其供应态

product 产品	% NV 固含	type 类型	solvent 溶剂	type of isocyanate 异氰酸酯类型	% NCO 含量	Vx mPa*s @ 23°C 黏度	max gardner colour 最高色泽	characteristics & main application 特性及主要应用范围
POLURENE MD 60 BA	60	prepolymer 预聚物	BA	MDI	5 - 6	200 - 650	1	Polyisocyanate with high penetration on porous substrate, it blocks or reduce the raise of the substances in the substrate and uniformize the adsorption for the overcoating. It improves adhesion on difficult substrate. 对多孔材料具有高渗透性的聚异氰酸酯, 它减低或阻挡材料中物质的浮升同时把涂层的吸附均匀化, 它能改善困难材料上的附着力。
POLURENE MD 50 EA	50	prepolymer 预聚物	EA	MDI	6.8 - 7.4	< 50	1	Polyisocyanate with high penetration on porous substrate, it blocks or reduce the raise of the substances in the substrate and uniformize the adsorption for the overcoating. It improves adhesion on difficult substrate. 对多孔材料具有高渗透性的聚异氰酸酯, 它减低或阻挡材料中物质的浮升同时把涂层的吸附均匀化, 它能改善困难材料上的附着力。
POLURENE MD 1500	100	polyisocyanate 聚异氰酸酯	-	MDI	31.7 - 33.3	< 50	18	Polymeric MDI with excellent flexibility. Recommended for solvent free 2K PU coatings like self-levellings, sealants and synthetic mortars. Fast drying. 具优异柔韧性的聚合MDI, 快干, 推荐用于无溶剂2K聚氨酯涂料如自流平, 密封胶和合成砂浆。
POLURENE MD 1600	100	polyisocyanate 聚异氰酸酯	-	MDI	31 - 32	< 100	18	Polymeric MDI with excellent flexibility. Recommended for solvent free 2K PU coatings like self-levellings, sealants and synthetic mortars. 具优异柔韧性的聚合MDI, 推荐用于无溶剂2K聚氨酯涂料如自流平, 密封胶和合成砂浆。
UCOPOL M 601	100	prepolymer 预聚物	-	MDI	22 - 24	< 200	18	1K Primer for concrete solventless and odourless. Ready to use product with good wettability and penetration in the substrate. Shorter cross-linking time than UCOPOL M 602. 无溶剂和无味, 能立即使用的1K混凝土底漆, 具有良好的润湿性和材料的渗透性, 交联时间比UCOPOL M 602较短。
UCOPOL M 602	100	prepolymer 预聚物	-	MDI	22 - 24	< 200	18	1K Primer for concrete solventless and odourless. Ready to use product with good wettability and penetration in the substrate. 无溶剂和无味, 能立即使用的1K混凝土底漆, 具有良好的润湿性和材料的渗透性。

product 产品	% NV 固含	type 类型	solvent 溶剂	type of isocyanate 异氰酸酯类型	% monomer 游离单体含量	% NCO 含量	Vx mPa*s @ 23°C 黏度	max gardner colour 最高色泽
POLURENE 2391	70	mixed isocyanurate 混合型异氰酸酯	BA	TDI IPDI	< 0.5	11.7 - 12	800 - 1400	2
POLURENE OK.D	60	mixed isocyanurate 混合型异氰酸酯	BA	TDI HDI	< 0.5	10 - 10.4	500 - 1100	1
POLURENE OK.D EA	60	mixed isocyanurate 混合型异氰酸酯	EA	TDI HDI	< 0.5	10 - 10.4	100 - 400	1
POLURENE OK.D.S	60	mixed isocyanurate 混合型异氰酸酯	BA	TDI HDI	< 0.5	10 - 11	1100 - 3300	1
POLURENE OK - HP	60	mixed isocyanurate 混合型异氰酸酯	BA	TDI HDI	< 0.5	9.3 - 10.3	200 - 500	1

product 产品	acrylic compatibility 丙烯酸兼容性	reactivity 反应性	pot-life 使用期	fullness 丰满度
POLURENE 2391	limited 有限	+++	+	+++
POLURENE OK.D	no	+++	-	++
POLURENE OK.D.S	limited 有限	++	+	++
POLURENE OK-HP	ok	+	++	++

NB All specifications refer to the delivery form 所有数据均基於其供应态

product 产品	% NV 固含	type 类型	solvent 溶剂	type of isocyanate 异氰酸酯类型	% monomer 游离单体含量	% NCO 含量	Vx mPa*s @ 23°C 黏度	max gardner colour 最高色泽	characteristics & main application 特性及主要应用范围
POLURENE T 70	70	aliphatic polyisocyanate 脂肪族聚异氰酸酯	BA	IPDI	< 0.5	11.8 - 12.2	800 - 1600	3	Isocyanate trimer with high lightfast and outdoor resistance. Suitable for the formulation of high demanding 2K PU coatings exhibits a good film formation. 高耐光 and 耐候性的异氰酸酯三聚体, 适用于配制高要求而且展现良好成膜的2K PU涂料。
POLURENE T 70 EA	70	aliphatic polyisocyanate 脂肪族聚异氰酸酯	EA	IPDI	< 0.5	11 - 13	200 - 600	3	Isocyanate trimer with high lightfast and outdoor resistance. Suitable for the formulation of high demanding 2K PU coatings exhibits a good film formation. 高耐光 and 耐候性的异氰酸酯三聚体, 适用于配制高要求而且展现良好成膜的2K PU涂料。
POLURENE M 75	75	aliphatic polyisocyanate 脂肪族聚异氰酸酯	X PMA	HDI	< 0.38	16 - 17	150 - 310	1	Aliphatic biuret with high flexibility. Suitable for the formulation of no yellowing 2K PU coating and stoving enamel. 高柔韧性的脂肪族缩二脲, 适用于配制不黄变的2K PU 涂料和烤漆。
POLURENE M 75 BA	75	aliphatic polyisocyanate 脂肪族聚异氰酸酯	BA	HDI	< 0.38	16 - 17	150 - 310	1	Aliphatic biuret with high flexibility. Suitable for the formulation of no yellowing 2K PU coating and stoving enamel. 高柔韧性的脂肪族缩二脲, 适用于配制不黄变的2K PU 涂料和烤漆。
POLURENE M 75 PMA	75	aliphatic polyisocyanate 脂肪族聚异氰酸酯	PMA	HDI	< 0.38	16.2 - 16.8	175 - 325	1	Aliphatic biuret with high flexibility. Suitable for the formulation of no yellowing 2K PU coating and stoving enamel. 高柔韧性的脂肪族缩二脲, 适用于配制不黄变的2K PU 涂料和烤漆。
POLURENE MT 75	75	aliphatic polyisocyanate 脂肪族聚异氰酸酯	X PMA	HDI	< 0.15	16 - 17	50 - 200	1	Aliphatic trimer with high toughness. Suitable for the formulation of no yellowing 2K PU coating and stoving enamel. 高韧性的脂肪族三聚体, 适用于配制不黄变的2K PU 涂料和烤漆。
POLURENE MT 100	100	HDI trymer 三聚体	-	HDI	< 0.15	21.5 - 22.5	2000 - 3000	1	Aliphatic trimer with high toughness. Suitable for the formulation of no yellowing 2K PU coating and stoving enamel. 高韧性的脂肪族三聚体, 适用于配制不黄变的2K PU 涂料和烤漆。
POLURENE MT 100 LV	100	HDI trymer 三聚体	-	HDI	< 0.15	22 - 24	900 - 1500	1	Low viscosity version of the aliphatic trimer. Suitable for the formulation of no yellowing 2K PU coating and stoving enamel. 低黏度的脂肪族三聚体, 适用于配制不黄变的2K PU 涂料和烤漆。
POLURENE MT 90	90	HDI trymer 三聚体	BA N	HDI	< 0.15	19.1 - 20.5	400 - 700	1	Aliphatic trimer with high toughness. Suitable for the formulation of no yellowing 2K PU coating and stoving enamel. 高韧性的脂肪族三聚体, 适用于配制不黄变的2K PU 涂料和烤漆。
POLURENE MT 90 BA	90	HDI trymer 三聚体	BA	HDI	< 0.15	19.5 - 20.5	300 - 700	1	Aliphatic trimer with high toughness. Suitable for the formulation of no yellowing 2K PU coating and stoving enamel. 高韧性的脂肪族三聚体, 适用于配制不黄变的2K PU 涂料和烤漆。

* Meloxypropylacetate 丙二醇甲醚醋酸酯
NB All specifications refer to the delivery form 所有数据均基於其供应态

product 产品	% NV 固含	solvent 溶剂	type of isocyanate 异氰酸酯类型	% monomer 游离单体含量	% blocked NCO 含量卡	Vx mPa*s @ 23°C 黏度	max gardner colour 最高色泽	characteristics & main application 特性及主要应用范围
POLURENE BK 1175	75	N	HDI	< 0.2	10.6 - 11.6	2500 - 5000	1	Blocked isocyanate suitable for the formulation of non yellowing 1K stoving enamels; it can be used in traditional stoving enamels to flexibilize and to increase adhesion. 封闭型异氰酸酯，适用于配制不黄变1K烤漆；也可用于传统烤漆以提高柔韧性及附着力。
POLURENE BK 5150 EA	50	-	TDI	< 0.1	6 - 6.5	<100	2	TDI based polymer containing blocked and curable isocyanic groups. Recommended for nonwoven, PVC, fabrics and fabric laminations. 基于TDI的聚合物，含有封闭和可固化异氰酸基团。推荐用于无纺布，PVC，纺织品压层上。

Short oil alkyd resins based on vegetable fatty acids: fast drying, excellent solvent release. In combination with flexible resins they can improve the sandability of the sealers. Used alone can improve the surface hardness and the levelling of mat top coats.									
以植物脂肪酸为基础的短油醇酸树脂：具快干和优异的溶剂释放性。 与柔韧树脂搭配，它能改善底漆的打磨性；单独使用，它也能改善哑光面漆的表面硬度和流平性。									
product 产品	% NV 固含	solvent 溶剂	% oil 油量	type of oil 油种	Vx mPa*s @ 23°C 黏度	N.A.max 最大酸值	N° OH 羟值	% OH 羟基含量	max gardner colour 最高色泽
REXIN 129	60	X	32	vegetable fatty acids 植物脂肪酸	11000 - 22000	16	60	1.82	3
REXIN 129/70 BA	70	BA	32	vegetable fatty acids 植物脂肪酸	3000 - 7000	18	60	1.82	3
REXIN 129/70 X	70	X	33	vegetable fatty acids 植物脂肪酸	45000 - 65000	18	60	2.12	3
REXIN 1561	60	X	39	vegetable fatty acids 植物脂肪酸	4500 - 8500	9	80	2.42	3
REXIN 1561/70 BA	70	BA	39	vegetable fatty acids 植物脂肪酸	5000 - 9000	9	90	2.57	3
REXIN C 760	60	X	35	vegetable fatty acids 植物脂肪酸	4000 - 8000	7	80	2.42	3
REXIN 5528	70	X	35	vegetable fatty acids 植物脂肪酸	45000 - 65000*	15	80	2.42	3
REXIN 139	70	X	35	vegetable fatty acids 植物脂肪酸	20000 - 38000	11	85	2.58	3
REXIN 5250	70	X	31	vegetable fatty acids 植物脂肪酸	10000 - 20000	13	80	2.42	2
REXIN DS 214/80 BA	80	BA	31	vegetable fatty acids 植物脂肪酸	500 - 1000	10	110	3.33	5
REXIN HS 0385 BA	85	BA	33	vegetable fatty acids 植物脂肪酸	1000 - 2000	15	150	4.54	3
REXIN HS 0685 BA	85	BA	33	vegetable fatty acids 植物脂肪酸	500 - 1000	15	150	4.54	3

product 产品	sandability 打磨性	matting efficiency 消光效率	fullness 丰满度	flexibility 挠性	main charateristic 主要特性
REXIN 129	+++	++	++	-	fast curing 快速固化
REXIN 1561	+++	++	+	+++	wettability 润湿性
REXIN C 760	++	++	++	++	all purpose 全面的
REXIN 5528	++	+	++	+	levelling 流平性
REXIN 139	++	+++	+++	++	levelling 流平性
REXIN 5250	++	+	++	+++	converter for tintometric system 色浆用的浆料
REXIN DS 214/80 BA	++	+	++	++	high solid 高固含
REXIN HS 0385 BA	+++	++	++	-	high solid 高固含
REXIN HS 0685 BA	+++	++	++	+	high solid 高固含

Short oil alkyd resins based on castor oil: good elasticity, low viscosity, good solvent release and fast drying. High wetting properties. For clear and pigmented PU coating. 以蓖麻油为基础的短油醇酸树脂: 弹性良好, 黏度低, 溶剂释放性良好和快干, 高润湿性, 适用作为清漆和色漆的PU涂料。									
product 产品	% NV 固含	solvent 溶剂	% oil 油量	type of oil 油种	Vx mPa•s @ 23°C 黏度	N.A.max 最大酸值	N° OH 羟值	% OH 羟基含量	max gardner colour 最高色泽
REXIN 1234	60	X	43	castor oil - 蓖麻油	1500 - 3500	15	90	2.72	3
REXIN 160	60	X	57	castor oil - 蓖麻油	1500 - 2500	9	85	2.58	3
REXIN LS 124	70	X	60	castor oil - 蓖麻油	800 - 1600	10	100	3.03	3
REXIN 1543/75 BA	60	BA	52	castor oil - 蓖麻油	4000 - 8000	12	130	3.90	3
REXIN 2039	50	X MEK	31	castor oil - 蓖麻油	7000 - 13000	20	80	2.42	3
REXIN 141	60	X	40	castor oil - 蓖麻油	3000 - 5000	14	90	2.72	3

product 产品	wettability 润湿性	color retention 保色性	chemical - physical resistance 抗理化性
REXIN 1234	++	++	++
REXIN 160	++	++	++
REXIN LS 124	+++	+	++
REXIN 1543/75 BA	++	+	+++
REXIN 2039	++	+++	+++
REXIN 141	++	+++	++

Short oil alkyd resins based on saturated fatty acids: excellent gloss, excellent hardness and yellowing resistance. For clear and pigmented PU coatings. Stoving enamels with high flexibility, hardness and high solid. 以饱和脂肪酸为基础的短油醇酸树脂: 光泽出色, 硬度出众及耐黄变性优异, 适用作为清漆和色漆的PU涂料。在烤漆使用上具有高度的柔韧性和硬度; 也可用在高固含涂料。									
product 产品	% NV 固含	solvent 溶剂	% oil 油量	type of oil 油种	Vx mPa•s @ 23°C 黏度	N.A.max 最大酸值	N° OH 羟值	% OH 羟基含量	max gardner colour 最高色泽
REXIN AP 575	80	X	32	saturated fatty acids 饱和脂肪酸	35000 - 45000	20	120	3.63	1
REXIN AP 572	80	X	27	saturated fatty acids 饱和脂肪酸	7000 - 12000	12	118	3.56	1
REXIN HG 70	70	X	27	saturated fatty acids 饱和脂肪酸	1300 - 3000	12	90	2.73	3
REXIN 1523	70	BA	33	saturated fatty acids 饱和脂肪酸	3000 - 6000	10	130	3.94	3
REXIN HG 3	80	X	33	saturated fatty acids 饱和脂肪酸	35000 - 45000	15	115	3.48	1
REXIN HG 7	80	X	34	saturated fatty acids 饱和脂肪酸	40000 - 50000	12	120	3.63	1

product 产品	polishability 抛光性	fullness 丰满度	chemical resistance 耐化学性	main charateristic 主要特性
REXIN AP 575	+++	++	++	fast curing 快速固化
REXIN AP 572	++	++	++	low viscosity 低黏度
REXIN HG 70	+++	+	++	general purpose 通用性
REXIN 1523	+++	+++	+++	high performance 高性能
REXIN HG 3	+++	+++	++	fast curing 快速固化
REXIN HG 7	++	+++	++	wood coating 木器涂料

product 产品	% NV 固含	solvent 溶剂	% oil 油长	type of oil 油种	Vx mPa*s @ 23°C 黏度	N.A. max 最大酸值	N° OH 羟值	% OH 羟基含量	max gardner colour 最高色泽	characteristics & main application 特性及主要应用范围
REXIN 2268	80	x	27	saturated fatty acids 饱和脂肪酸	3000 - 6000	15	110	3.33	2	Special aliphatic resin with excellent yellowing resistance. It is suitable for clear and pigmented non yellowing high gloss top coats with excellentfullness, levelling and pigments wettability. Complete compatibility with acrylic resins. 具优异耐黄变性的特殊脂肪族树脂， 适用于不黄变高光清和着色面漆上， 展现优异的丰满度，流平性和颜料润湿性。 与羟基丙烯酸树脂完全兼容。
REXIN 2281/70 X	70	x	40	vegetable fatty acids 植物脂肪酸	800 - 1400	12	85	2.57	5	Binder for universal pigmented paste. Compatible with short - medium - long oil alkyd resins, saturated polyesters, acrylic, epoxy, urea and melamine resins, chetonic and maleic resins. Not compatible with unsaturated polyester and waterborne resins. 作为通用型色浆中的结合剂， 与各种油长的醇酸树脂， 饱和聚酯，丙烯酸树脂，环氧树脂， 脲素和三聚氰胺树脂， 酮类和马来树脂等兼容； 但与不饱和聚酯和水性树脂不兼容。

product 产品	% NV 固含	solvent 溶剂	Vx mPa*s @ 23°C 黏度	max acid value 最大酸值	N° OH 羟值	% OH 羟基含量	max gardner colour 最高色泽	characteristics & main application 特性及主要应用范围
REXIN HSP 05100	100	-	24000 - 36000	15	210	6.36	3	Excellent hardness. High chemical resistance.Excellent abrasion resistance. Excellent levelling. High gloss clear and pigmented 2K PU coatings. Product suitable for high solid formulations. 具出色的硬度，高耐化学性，优异的抗磨性和流平性。 适合配制高光泽清漆和色漆的2K PU涂料，同时也适合在高固含配方。
REXIN DP 127	70	BA	1800 - 3500	15	125	3.79	3	Excellent hardness. Good abrasion resistance. Excellent yellowing resistance. Excellent wetting properties. High gloss and fast drying clear and pigmented 2K PU coatings. It is recommended for pigmented paste. 具出色的硬度，优异的抗磨性，耐黄变性和润湿性。 适合配制高光和快干清漆和色漆的2K PU涂料，也推荐用在配制色浆。
REXIN DP 328	60	BA	3000 - 5000	13	110	3.33	3	Good hardness and flexibility. Good abrasion resistance. Good filling and solvent release. Good compatibility with Nitrocellulose. It can be used in combination with urea and melamine resins. Clear and pigmented 2K PU coatings. 具高硬度和柔韧性，高耐磨性，良好的填充性和溶剂释放性。与硝化棉有良好的兼 容性，也可以与脲素和三聚氰胺树脂搭配使用，用作2K PU清漆和色漆。
REXIN DP 390	60	X	2000 - 3500	10	85	2.58	3	Good flexibility and hardness. Fast drying. Long Pot-life. Good overspraying resistance. Suitable for clear and pigmented matt and high gloss 2K PU sealer and top coats. 快干，高硬度和良好的柔韧性，使用期长，重涂性佳。 适用于2K PU哑光和高光清/色底漆和面漆。
REXIN DP 390/70 BA	70	BA	2600 - 3600	12	100	3.03	3	Good flexibility and hardness. Fast drying. Long Pot-life. Good overspraying resistance. Suitable for clear and pigmented matt and high gloss 2K PU sealer and top coats. 快干，高硬度和良好的柔韧性，使用期长，重涂性佳。 适用于2K PU哑光和高光清/色底漆和面漆。
REXIN DP 408/80 BA	80	BA	1000 - 1800	5	240	7.28	3	Highly branched polyester resin. High chemical resistance. Excellent hardness and abrasion resistance. It is recommended for 2K PU parquet coatings and enamels for metal. 高支链化聚酯树脂，高耐化学性，出色的硬度和抗磨性。 推荐用于2K PU地板漆或金属烤漆。
REXIN DP 411	100	-	20000 - 40000	4	180	5.45	2	Slightly branched solventless polyester resin. Good chemical resistance. Good hardness and excellent flexibility. It is recommended for 2K PU parquet coatings. 无溶剂略支链化聚酯树脂，耐化学性良好，高硬度但柔韧性出色。 推荐用于2K PU地板漆。
REXIN DP 412	100	-	3500 - 6500	4	185	5.6	2	Slightly branched solventless polyester resin. High chemical resistance. Excellent elasticity. For coatings and enamels for metal, wood, plastic and rubber. 无溶剂略支链化聚酯树脂，高耐化学性和出色的弹性。 适用在木材，金属，塑胶及橡胶上用作涂料和烤漆。
REXIN DP 417	100	-	10000 - 20000	5	40	1.20	2	Solventless polyester resin. Excellent elasticity. Suitable for coatings and enamels for paper, leather, plastic and rubber. It is used for the formulation of coatings with soft touch effect. 无溶剂聚酯树脂，弹性出色。适用在纸张，皮革， 塑胶及橡胶上用作涂料和烤漆，也可用于具弹性漆效果的配方上。
REXIN DP 315	75	X	17000 - 25000	15	125	3.79	3	Saturated polyester resin for pigmented and high gloss topcoat. Fast drying, good levelling, excellent hardness and fullness, expecially designed for black finish. 用于着色高光面漆上的饱和聚酯树脂。 快干，流平性好，具出色的硬和丰满度，专为配制高光黑漆。
REXIN DP 50	100	-	500 - 1300	2	160	4.84	4	Saturated polyester resin with high wettability and flexibility. Suitable for high filled two-pack coatings and adhesives formulations. 高润湿性和柔韧性的饱和聚酯树脂， 适用于高填充性双组分涂料或胶粘剂配方。
REXIN DP 500	70	N	4000 - 9000	6	55	1.72	1	Saturated polyester resin that exhibits good balance between hardness and flexibility. Can be used in combination with melaminic resins to improve flexibility, adhesion and chip resistance in stoving enamels. Recommended for industrial coatings, baking enamel, and general purpose metal applications with high gloss retention and high scratch resistance. 饱和聚酯树脂具有良好的硬度跟柔韧性的平衡，与三聚氰胺树脂在烤漆上配合使用 时可改善柔韧性，附着力及耐冲击性。推荐用于需要高光泽保留性和高耐刮性的工 业涂料，烤漆及一般金属漆的应用上。

product 产品	% NV 固含	type of isocyanate 异氰酸酯类型	solvent 溶剂	% solvent 含量	Vx mPa*s @ 23°C 黏度	MFFT °C	pH 酸碱值	characteristics & main application 特性及主要应用范围
BLUEPUR 2937	35.5	aliphatic 脂肪族	coalescent free 不含成膜助剂	-	250 max	40	7 - 9	Resin for application in 1K and 2K waterborne system. This resin have a self crosslinking beaviour that confer high hardness.Very fast drying. It can be used to formulate transparent and pigmented coating. 用於1K或2K水性系统的树脂，此树脂有自交联的属性，因此带来高硬度，极快干，可用于配制清漆和色漆涂料。
BLUEPUR 3037	38	aliphatic 脂肪族	coalescent free 不含成膜助剂	-	500 max	-	7 - 8	Resin for application in 1K and 2K waterborne system. This resin have a self crosslinking beaviour that confer high hardness. The high flexibility of the resin let it suitable for the formulation of coating for metal and plastic. 用於1K或2K水性系统的树脂，此树脂有自交联的属性，因此带来高硬度，其高柔韧性使它适用在金属和塑胶涂料上。
BLUEPUR 3080	40	aliphatic 脂肪族	coalescent free 不含成膜助剂	-	500 max	-	7 - 8	Resin for application in 1K and 2K waterborne system. It's special structure let the possibility to use this resin for coalescing aid with PUD and acrylic emulsion. The high elasticity let it suitable for the formulation of coating for metal and plastic. 用於1K或2K水性系统的树脂，由於其特别结构使它可以在PUD和丙烯酸乳液有着成膜助剂的功用，其高柔韧性使它适用在金属和塑胶涂料上。
BLUEPUR 3070	40	aliphatic 脂肪族	coalescent free 不含成膜助剂	-	200 max	44	7 - 9	Tough and flexible. Good abrasion resistance. Good adhesion on plastic and metal beside wood and porous substrate. High lightfast resistance. Main application plastic and wood coating. 具有良好的有韧性和耐磨性。在塑料，金属和多孔介质地面具有良好的附着性。耐黄变，主要用于塑料和木材涂料中。

Self Crosslinking Resins - 自交联的属树脂					
product 产品	% NV 固含	pH 酸碱值	MFFT °C	Vx mPa*s @ 23°C 黏度	characteristics & main application 特性及主要应用范围
BLUECRYL 012	40 ±1	7 - 9	32	10 - 200	Good scratch. Good yellowing resistance. Good water and chemical resistance. Good anti-blocking effect. Good sandability. Main application: decorative. 良好的抗刮伤，耐黄变性能和耐磨性。具有良好的防水，防腐和抗黏连性。主要用于装饰用品。
BLUECRYL 098	42 ±1	7 - 9	5	10 - 200	Fast drying. Fast blocking resistance. Excellent elasticity & flexibility. Yellowing resistance. Good early water resistance. Low water absorption. Excellent chemical resistance. Main application: joinery. 具有快干，耐结块。；良好的柔韧性，耐黄变性。早期抗水性好，吸水率低，抗化学性能。主要用于细木工制品。
BLUECRYL 092	40 ±1	7 - 9	44	10 - 200	Fast blocking resistance. Excellent elasticity & flexibility. Excellent chemical resistance. High scratch resistance. Main application: furniture. 耐结块，具有良好的柔韧性和抗化学性能，优越的抗刮伤性。主要用于家具涂料。
BLUECRYL 090	40 ±1	7 - 9	42	10 - 200	Clarity and transparency. Fast drying. Fast blocking resistance coatings. Good chemical resistance and flexibility. Main application: general industry. 清晰度，透明度高。具有快干，耐结块，良好的抗化学性和柔韧性。主要用于一般工业漆。

Special Acrylic Water Polyemer Dispersion - 特别聚氨酯水性分散体					
product 产品	% NV 固含	pH 酸碱值	MFFT °C	Vx mPa*s @ 23°C 黏度	characteristics & main application 特性及主要应用范围
BLUEPUR UV 077	38 ±1	6 - 8	-	10 - 200	Physically drying resin. Good wetting properties. Good adhesion on different wood substrate and metal. Excellent chemical resistance. Excellent flexibility. 属于自身干燥型树脂。良好的润湿性，在不同的木材和金属材料中具有良好的附着力。优秀的耐化学性能和柔韧性。
BLUECRYL GR 24	45 ±1	4.3 - 5.6	10	<50	Alkaline soluble acrylic emulsion suitable for pigment grinding. Before using dilute and neutralize by adding slowly under stirring on a neutralizing agent solution. Grinding resin, temporary coating with easy peelability, impregnating agent on plaster. 碱性丙烯酸乳液适用于颜料研磨。用于使用前和中和过程中慢慢搅拌添加中和剂。用于研磨型树脂和暂时性涂层，容易刮掉，也可用于石膏浸渍剂。

OH Acrylic Resins - OH丙烯酸树脂						
product 产品	% NV 固含	pH 酸碱值	MFFT °C	OH% 羟基含量	Vx mPa*s @ 23°C 黏度	characteristics & main application 特性及主要应用范围
BLUECRYL 213	47 ±1	3.5 - 5.5	40 - 42	1.3	<1000	Good adhesion on different substrate. Good mechanical properties. Good resistance to solvent and water, once crosslinked. High lightfast resistance. Main application: Industrial flooring and general industry. 在不同的基底中具有良好的附着力，抗机械性。良好的耐溶剂和防水性，耐黄变性高。主要用于工业地坪漆和一般的工业漆中。
BLUECRYL 233	46 ±1	7 - 9	-	3.3	<2000	Good wetting property, is suitable for the formulation of pigmented system. Though and flexible surface. Good resistance to water and solvent. Main application: industrial flooring and general industry. 良好的润湿性，适用于色素体系配方。表面手感好。良好的防水和耐溶剂性能。主要用于地坪漆和一般工业漆。
BLUECRYL 242	46 ±1	7 - 9	-	4.2	300 - 3000	Good wetting property, is suitable for the formulation of pigmented system. Though and flexible surface. Good resistance to water and solvent. Can be formulated in 1K stoving enamel with melamine resin or in combination with blocked isocyanate. Main application: industrial flooring and general industry. 良好的润湿性，适用于色素体系配方。表面手感好。良好的防水和耐溶剂性能。能和三聚氰胺树脂用于1K烤漆中，或和封闭型异氰酸酯联用。主要用于地坪漆和一般工业漆。

product 产品	% NV 固含	type of isocyanate 异氰酸酯类型	solvent 溶剂	% NCO 含量	Vx mPa*s @ 23°C 黏度	characteristics & main application 特性及主要应用范围
HYDRORENE AW 1	100	aliphatic 脂肪族	free 不含	16 - 18	2000 - 4000	High dispesibility isocyanate for the formulation of 2K waterborne varnishes with good chemical and abrasion resistance. Suitable for adhesives. 用於双组分水性清漆的高分散性异氰酸酯, 具良好的耐化学性和抗磨性。也可用在胶黏剂上。
HYDRORENE 33	100	aliphatic 脂肪族	free 不含	15.8 - 16.6	5000 - 8000	2K waterborne varnishes with excellent chemical and abrasion resistance. Suitable for acrylic and PU waterborne systems. Recommended in high gloss topcoat. 使用在具优秀耐化学性和抗磨性的双组分水性清漆, 也适用於丙烯酸和聚氨酯水性系统, 推荐用於高光面漆。

product 产品	% NV 固含	type 类型	solvent 溶剂	type of isocyanate 异氰酸酯类型	% monomer 游离单体含量	% NCO 含量	Vx mPa*s @ 23°C 黏度	max gardner colour 最高色泽	characteristics & main application 特性及主要应用范围
UCOPOL M 505	53	prepolymer 预聚物	EA BA	TDI	< 0.5	4.4 - 5.2	< 50	1	Ready to use. 即用
UCOPOL M 33 60 PMAX	60	prepolymer 预聚物	X PMA	TDI	< 0.5	5.5 - 6.5	250 - 500	1	Fast curing. 快速固化
UCOPOL M 33/60 PMA	60	prepolymer 预聚物	PMA	TDI	< 0.5	5.5 - 6.5	250 - 450	1	Fast curing. 快速固化
UCOPOL M 34 60 PMAX LV	60	prepolymer 预聚物	X PMA	TDI	< 0.3	6.8 - 7.8	800 - 1600	1	Abrasion resistance. 抗磨性
UCOPOL M 4054	60	prepolymer 预聚物	X PMA	TDI	< 0.5	6.25 - 6.75	250 - 750	2	Hardness. 硬度
UCOPOL M 2851	60	prepolymer 预聚物	X PMA	TDI	< 0.5	5 - 6	600 - 1200	1	Adhesion. 附着力
UCOPOL W 708	65	prepolymer 预聚物	X PMA N	HDI	< 0.5	10 - 11	300 - 700	2	Yellowing resistance. 耐黄变
UCOPOL M 551	100	prepolymer 预聚物	-	TDI	< 0.5	4 - 5	5000 - 9000	2	Prepolymer used to formulate 1K and 2K sealants and industrial adhesives. It can be mixed with UCOPOL M 561, more tough, to adjust final properties and/or drying time. 用於配制1K和2K密封胶及工业用胶黏剂的预聚物, 它可与UCOPOL M 561(较刚性) 混合使用以调较所需性能和/或者干燥时间。
UCOPOL M 561	100	prepolymer 预聚物	-	TDI	< 0.7	7 - 8	6000 - 12000	1	Prepolymer used to formulate 1K and 2K sealants and industrial adhesives. It can be mixed with UCOPOL M 551, more flexible, to adjust final properties and/or drying time. 用於配制1K和2K密封胶及工业用胶黏剂的预聚物, 它可与UCOPOL M 551(较柔性)混合使用以调较所需性能和/或者干燥时间。

* Metoxypropylacetate 丙二醇甲醚醋酸酯
NB All specifications refer to the delivery form 所有数据均基於其供应态

product 产品	% NV	solvent 溶剂	type of isocyanate 异氰酸酯类型	type of oil 油种	Vx mPa•s @ 23°C 黏度	N.A. max 最大酸值	max gardner colour 最高色泽	characteristics & main application 特性及主要应用范围
UCOPOL OL 17 60 OD	60	WD	aromatic 芳香族	drying 干性	3000 - 7000	1	6	Good outdoor and abrasion resistance. Coating for window frames and boats. Impregnating agent for wood, anti corrosive paints. Resin obtained from renewable raw materials. 良好的户外使用性和抗磨性, 适用在窗框和游艇涂料, 木材浸渍剂或防腐油漆。树脂来自可再生原材料。
UCOPOL OL 18 50 X	50	X	aromatic 芳香族	drying 干性	4000 - 7000	0.3	6	Ggood hardness, fast drying. Outdoor resistance. Easily matting properties. Impregnating agent for wood, anti corrosive paints. Resin obtained from renewable raw materials. 高硬度, 快干, 易消光, 有不错的耐候性。 宜用在作木材浸渍剂或防腐油漆。树脂来自可再生原材料。
UCOPOL OL 89 55 OD	55	WD	aromatic 芳香族	special fatty acids 特种脂肪酸	800 - 1600	3	6	Good outdoor and abrasion resistance. Coating for window frames and boats. Impregnating agent for wood, anti corrosive paints. Resin obtained from renewable raw materials. 良好的户外使用性和抗磨性, 适用在窗框和游艇涂料, 木材浸渍剂或防腐油漆。树脂来自可再生原材料。
UCOPOL OL 51 60 OD	60	WD	aromatic 芳香族	special fatty acids 特种脂肪酸	4000 - 7000	4	6	Good outdoor resistance. Fast drying. For high quality glossy and mat coating. Good overcoating performances. Resin obtained from renewable raw materials. 良好的户外使用性, 快干, 适用在高档高光或哑光涂料, 具良好复涂性能。树脂来自可再生原材料。
UCOPOL OL W 41 55 OD	55	WD	aliphatic 脂肪族	special fatty acids 特种脂肪酸	4000 - 7000	4	6	Excellent outdoor resistance and hardness. Good chemical resistance. Suitable for white and light coloured enamels in building and nautical field. Non yellowing enamels with excellent filling power. Resin obtained from renewable raw materials. 优异的户外使用性和硬度, 良好的耐化学性, 适用在浅色或白色建筑和航海领域的不变黄瓷漆上, 具良好的填充能力。 树脂来自可再生原材料。

product 产品	drying 干燥	abrasion resistance 抗磨性	yellowing resistance 耐黄变性	hardness 硬度	adhesion on metal 金属的附着性
UCOPOL OL 17 60 OD	++	+++	++	+++	no
UCOPOL OL 18 50 X	+++	+++	+	+++	no
UCOPOL OL 89 55 OD	+	+	++	+	ok
UCOPOL OL 51 60 OD	+	+	++	++	limited 有限
UCOPOL OL W 41 55 OD	++	++	+++	++	ok

NB All specifications refer to the delivery form 所有数据均基於其供应态

product 产品	% NV	type 类型	solvent 溶剂	type of isocyanate 异氰酸酯类型	max amine value 最大氮值	Vx mPa•s @ 23°C 黏度	max gardner colour 最高色泽	characteristics & main application 特性及主要应用范围
UCOFLEX EW 810/30 A	30	elastomer 弹性体	IB	IPDI	1	1000 - 2000	1	Clear and pigmented paints for ABS, PVC, PUR, Polystyrene and Paper. Good yellowing, abrasion and shock resistance. 具良好的耐黄变性, 抗磨性和抗冲击性, 可在ABS, PVC, PUR, PS和纸张等材料上作为清漆和色漆的使用。



POLURENADD

Additives - 添加剂

product 产品	characteristics & main application 特性及主要应用范围
POLURENADD S 51	Catalyst to accelerate 2K PU curing, it promotes the reaction between hydroxil groups and isocyanic groups. 用以提升2K PU 交联固化速度的催化剂, 它促使羟基和异氰酸基团的反应。
POLURENADD BF 5	Moisture scavenger for 1K and 2K polyurethane coatings, it acts on log term thefore advisable for in can storage 用在1K和2K聚氨酯涂料上的除湿剂, 由于它长期有效, 建议添加在包装内作储存用。
POLURENADD PTSI	Moisture scavenger for 1K and 2K polyurethane coatings, it reacts quicly with residual moisture trapped in formulation step (mixing and filler addition). 用在1K和2K聚氨酯涂料上的除湿剂, 它迅速地地与在配方工序中, 如混料步骤里, 被困的残余湿气反应去。

product 产品	% NV	type 类型	solvent 溶剂	type of isocyanate 异氰酸酯类型	% NCO 含量	Vx mPa•s @ 23°C 黏度	max gardner colour 最高色泽	characteristics & main application 特性及主要应用范围
POLURENE TPI 27 EA	27	polyisocyanate 聚异氰酸酯	EA	TPTI	7.0 - 7.4	< 50	18	Special polyisocyanate developed for the formulation of products with good adhesion on melamine paper, it can helps also on substrate contaminated by residual realese agent. 一款在配方上需对三聚氰胺纸张提供良好附着力要求而专门开发的特殊聚异氰酸酯产品, 它也能在一些受残留脱模剂污染的底材发挥同样功效。

product 产品	% NV 固含	% NCO max 游离NCO 最高含量	Vx mPa*s @ 23°C 黏度	max gardner colour 最高色泽	characteristics & main application 特性及主要应用范围
POLURENE LP 100 NPF	100	0.2	15000 - 25000	3	PU prepolymer TDI based containing blocked isocyanic groups. Excellent for improving the flexibility of epoxy systems. Excellent rheology. This product don't release Nonyl Phenole. 基於TDI的聚氨酯预聚物, 含有封闭异氰酸基团。 具优异的流变性而且无壬基酚的释放, 极之适合作改善环氧体系的柔韧性。
POLURENE LP 90 NPF	90	0.2	6000 - 14000	3	PU prepolymer TDI based containing blocked isocyanic groups. Excellent for improving the flexibility of epoxy systems. Excellent rheology. This product don't release Nonyl Phenole. 基於TDI的聚氨酯预聚物, 含有封闭异氰酸基团。 具优异的流变性而且无壬基酚的释放, 极之适合作改善环氧体系的柔韧性。
POLURENE LP 80 NPF	80	0.2	3000 - 8000	3	TDI based branched polymer in DOA at 80% containing blocked and curable isocyanic groups. Very low viscosity. Excellent for improving the flexibility of epoxy systems for adhesives, sealant and membrane. Excellent rheology. Easy to apply. 基於TDI溶解於DOA内80%固含的支链化聚合物, 含有封闭和可固化异氰酸基团。 具优异的流变性而且容易使用, 极之适合在胶粘剂, 密封胶和薄膜制品上用作改善环氧体系的柔韧性。
POLURENE LP 100 LV	100	0.2	25000 - 45000	1	PU prepolymer TDI based containing blocked isocyanic groups. Lower viscosity than POLURENE LP 100. Excellent for improving the flexibility of epoxy systems. Excellent rheology. 基於TDI的聚氨酯预聚物, 含有封闭异氰酸基团。 具优异的流变性而且比POLURENE LP 100更低黏, 极之适合作改善环氧体系的柔韧性。
POLURENE LP 90 LV	90	0.2	10000 - 25000	1	TDI based branched polymer in DOA at 90% containing blocked and curable isocyanic groups. Very low viscosity. Excellent for improving the flexibility of epoxy systems for adhesives, sealant and membrane. Excellent rheology. Easy to apply. 基於TDI溶解於DOA内90%固含的支链化聚合物, 含有封闭和可固化异氰酸基团。低黏度, 具优异的流变性而且容易使用, 极之适合在胶粘剂, 密封胶和薄膜制品上用作改善环氧体系的柔韧性。
POLURENE LP 80 LV	80	0.2	7000 - 9000	1	TDI based branched polymer in DOA at 80% containing blocked and curable isocyanic groups. Very low viscosity. Excellent for improving the flexibility of epoxy systems for adhesives, sealant and membrane. Excellent rheology. Easy to apply. 基於TDI溶解於DOA内80%固含的支链化聚合物, 含有封闭和可固化异氰酸基团。 低黏度, 具优异的流变性而且容易使用, 极之适合在胶粘剂, 密封胶和薄膜制品上用作改善环氧体系的柔韧性。

product 产品	% NV 固含	% NCO 含量	Vx mPa*s @ 23°C 黏度	max gardner colour 最高色泽	characteristics & main application 特性及主要应用范围
POLURENE LPI 2572	100	12.5 - 14.5	3000 - 7000	18	Solvent free MDI based 1K PU adhesive. It is recommended for sandwich panels for thermic and acoustic insulation. 基於MDI无溶剂1K聚氨酯胶粘剂, 推荐用於有隔热或隔音要求的夹层板。
POLURENE LPI 34 NT	100	14 - 16	2000 - 4000	18	1K adhesive for wood D4 approved recommended for finger joint bonding of outdoor furnitures. Highly resistant to acid and alkaline hydrolysis. Short Pot life. Very crystalline adhesive resistant to heatshock. 1K木材胶粘剂, 获D4认证, 推荐用於户外家具指形接合位上的粘合, 具高耐酸碱性, 使用期短, 对热变化具良好抗结晶性。
POLURENE LPI 604	100	9 - 10	4000 - 8000	3	MDI based 1K PU binder for moulded-on rubber grains, cork and agglomerates in general. Good mechanical and chemical resistance. Fast curing. 基於MDI的1K聚氨酯浆料, 快速固化, 具良好机械性和耐化学性, 适合用於一般橡胶粒, 软木的压铸和凝聚。
POLURENE LPI 3719	68	1.6 - 2.2	6000 - 10000	2	MDI based 1K PU adhesive in ethyl acetate. Excellent initial bond, recommended for PVC, expanded PU and natural and synthetic fabrics. 溶解於乙酸乙酯, 基於MDI的1K聚氨酯胶粘剂。 具出色的初始粘接力, 推荐用在PVC, PU发泡体和天然或合成布料。
POLURENE LPI 3819/40 EA	40	1 - 1.6	150 - 250	2	MDI based 1K PU adhesive in ethyl acetate. Excellent initial bond, recommended for PVC, expanded PU and natural and synthetic fabrics. 溶解於乙酸乙酯, 基於MDI的1K聚氨酯胶粘剂。 具出色的初始粘接力, 推荐用在PVC, PU发泡体和天然或合成布料。

product 产品	% NV 固含	solvent 溶剂	Vx mPa•s @ 23°C 黏度	N° OH 羟值	NCO 含量	characteristics & main application 特性及主要应用范围
UCOPOL M 33/65 K	65	EA	400 - 800		5,9	Aromatic moisture curing polyurethane resin especially designed for the application in overprint varnish. The main property is the easy to use in flexographic process. It shows a good wetting of different substrate and different inks. It is compatible with alkyds, saturated polyester resins, nitrocellulose and vinyl co-polymer. 专门用作1K罩光油的芳香族潮固化聚氨酯树脂。其主要特点是在柔版工序上容易使用，它对不同底材和油墨同样表现良好的润湿性。它与醇酸，饱和聚酯树脂，硝化棉和氯醋共聚物等兼容。
REXIN 6302 K	70	EA	100 - 500	100		Polyester resin mainly recommended for formulation of inks and overprint varnishes. 主要推荐用于油墨和罩光油配方上的聚酯树脂。
REXIN 1939 K	75	EA	3000 - 4000	165		Solvent based hydroxy-terminated saturated polyester resin particularly suitable for the formulations of two component polyurethane overprinting lacquers. When it is used for the formulation of inks, the reticulated film is light, clear, not sticky and highly resistant to ageing, to chemicals agents and to heat. 专门用作配制双组分聚氨酯罩光油的溶剂型羟基饱和聚酯树脂。当使用在油墨配方上，其网状膜层既轻盈又不回黏而且具耐老化，耐热和耐化学性。
REXIN 6258 K	60	EA	< 100	180		Branched saturated polyester the main applications is formulations for inks and overprint varnishes. It is compatible with Nitrocellulose, urea and melamine resins. 主要用作配制油墨和罩光油的支链化饱和聚酯树脂。它与硝化棉，脲素和三聚胺树脂兼容。
REXIN 411 K	100	-	20000 - 40000	180		High chemical resistance polyester for the production of high quality overprint varnishes. 高耐化学性，适合用于配制高品质要求的罩光油。
POLURENE FP 75 K	75	EA	1200 - 3000		13	Aromatic polyurethane adductrecommended for formulation of 2K PU printing inks. Used in combination with not drying short and medium oil alkyd, hydroxylated acrylic, saturated polyesters and vinyl resins. It is highly compatible with nitrocellulose and CAB. 芳香族聚氨酯加成物用作配制双组分聚氨酯油墨。可配合不同类型树脂如不干中短油醇酸，羟基丙烯酸，饱和聚酯和氯醋树脂。与硝化棉和CAB高度兼容。
POLURGREEN FP 75-01 K	75	EA	1200 - 3000		13	Aromatic polyurethane adduct with low free TDI content recommended for formulation of 2K PU printing inks. Used in combination with not drying short and medium oil alkyd, hydroxylated acrylic, saturated polyesters and vinyl resins. It is highly compatible with nitrocellulose and CAB. 低游离TDI含量的芳香族聚氨酯加成物用作配制双组分聚氨酯油墨。可配合不同类型树脂如不干中短油醇酸，羟基丙烯酸，饱和聚酯和氯醋树脂。与硝化棉和CAB高度兼容。
POLURENE IR51 K	50	EA	100 - 400		8	Aromatic isocyanurate based on Toluendiisocyanate that is fast curing, with limited yellowing and good elasticity/flexibility. It can be used in combination with saturated polyesters such as REXIN K range, for the formulation of primer and overprint varnish. 基于TDI的芳香族异氰酸酯，快速固化，具有有限耐黄变性和良好弹性及柔韧性，它可与REXIN K系列饱和聚酯搭配用作配制底漆和罩光涂料。
POLURENE OK K	60	EA	100 - 400		10,2	Aliphatic-aromatic isocyanurate mainly used for overprinting coatings and for inks with good non-yellowing properties. It is suitable to prepare fast drying and high elasticity ink. In combination with saturated polyesters it is recommended for the formulation of overprinting coatings. 脂肪族芳香族异氰酸酯，主要用作高耐黄变要求的油墨和罩光油，它适合配制快干和高弹性油墨，当与饱和聚酯搭配，推荐用作配制罩光涂料。
POLURENE 5580 K	75	EA	200 - 3600			Non reactive soft polyurethane for the formulation of flexo and gravure inks to flexibilize the nitrocellulose and vinyl resin, to increase the thermal properties and the adhesion. 不反应柔韧聚氨酯，应用于柔版和凹版溶剂型油墨配方上，使硝化棉或氯醋树脂更柔韧，并加强油墨的附着力和改善油墨的耐热性。
POLURENE 5723 K	80	EA	800 - 1600			Non reactive soft polyurethane for the formulation of flexo and gravure inks to flexibilize the nitrocellulose and vinyl resin, it is particularly suitable to increase the adhesion on polyolefin. 不反应柔韧聚氨酯，应用于柔版和凹版溶剂型油墨配方上，使硝化棉或氯醋树脂更柔韧，并加强油墨尤其在聚烯烃材料上的附着力。
POLURENE 5870 K	75	EA	1200 - 1800			Non reactive soft polyurethane for the formulation of flexo and gravure inks to flexibilize the nitrocellulose and vinyl resin, it has a very good compatibility with any type of pigment and is able to give a very good adhesion on OPP. 不反应柔韧聚氨酯，应用于柔版和凹版溶剂型油墨配方上，使硝化棉或氯醋树脂更柔韧，并加强油墨在OPP材料上的附着力。它与任何颜料都具有良好兼容性。

product 产品	appearance 外观	Vx mPa•s @ 23°C 黏度	% NV 固含	solvent 溶剂	% NCO 含量	max gardner colour 最高色泽	characteristics & main application 特性及主要应用范围
UNI - DUR WB 7000	clear	2000 - 4000	100	-	16 - 18	2 max	Hardener for high-quality water based polyurethane systems. It can improve the resistance of adhesive bonds towards moisture, heat and solvents. Thanks to its hydrophilic character it is easily dispersible by mechanical stirrer. 用于高档水性聚氨酯体系的固化剂，能提高胶粘剂的耐湿性，耐热性和耐溶剂性。多得它的亲水特性，它极容易在机械搅拌下分散。
UNI - DUR E 2008 RC	clear	< 50	35	EA	5.7 - 6.3	1 max	Crosslinker for the formulation of adhesives for natural or synthetic rubber, leather and shoes manufacturing. Good drying time and good pot-life; excellent balance between hardness and elasticity of the adhesive; excellent greentack; good yellowing resistance. 用于配制在制鞋，皮革，天然或合成橡胶胶粘剂上的交联剂，具良好的干燥时间和使用期，优异的硬度与弹性的平衡及初始粘接力，耐黄变也佳。
UNI - DUR E 1001 RN	clear	< 50	40	EA	7 - 7.6	1 max	Recommended to improve the adhesion, cohesion and heat resistance of the final bond. It yields bonds that undergo to minimal colour modification. 推荐用于改善最终粘接力的附着力，凝聚力 and 抗热性，只会产生极轻微的颜色褪变。
UNI - DUR E 2002 ARFE	clear	< 50	27	EA	7.2 - 8.2	18	Recommended for crosslinking industrial polyurethane adhesives for natural or synthetic rubber. It improves significantly the adhesion, cohesion and mainly the heat resistance of the final bond. 推荐在天然或合成橡胶中使用作为工业用聚氨酯胶粘剂的交联剂，它能有效地改善最终粘接力的附着力，凝聚力和抗热性。
UNI - DUR E 1001	clear	< 50	43	EA	6.8 - 7.2	1 max	Crosslinker for the formulation of adhesives for natural or synthetic rubber, leather and shoes manufacturing. Good drying time and good pot-life; excellent balance between hardness and elasticity of the adhesive; excellent greentack; good yellowing resistance. 用于配制在制鞋，皮革，天然或合成橡胶胶粘剂上的交联剂，具良好的干燥时间和使用期，优异的硬度与弹性的平衡及初始粘接力，耐黄变也佳。



Applications 应用



FLOORING 地坪



WOOD 木



METAL 金属

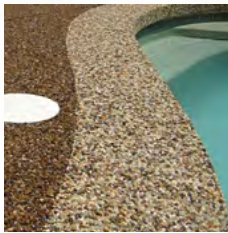


PLASTIC 塑料



Flooring 地坪





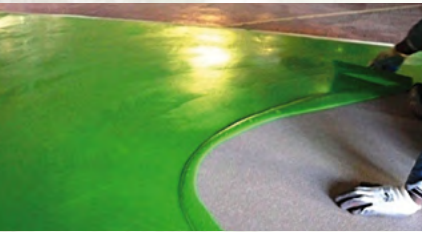
Stone Carpet 小石地毯

Binder	Polurene LPI
1K	Ucopol W 708



Water Proofing Membrane 防水膜

	Comp A	Hardener
1K	Ucopol M 551	-
2K	DEDTA	Polurene 4041



Self Leveling 流平

	Comp A	Hardener
1K Primer	Ucopol M 602	-
2K Self	Rexin DP 412 + Rexin HSP 05100	Polurene MD 1600
2K Topcoat	Rexin DP 127	Polurene M 75



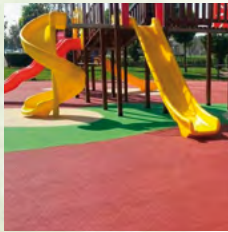
Self Leveling 流平

	Comp A	Hardener
1K Primer	Ucopol M 602	-
2K Topcoat	Bluepur 3037	Hydorene AW 1



Terrace 阳台

1K Topcoat Quartz	Ucopol W 708
1K Topcoat	Ucopol W 708



Rubber Flooring 橡胶地坪

Binder	Polurene LPI 604
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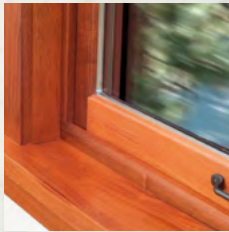
Wood 木





MDF

	Comp A	Hardener
1K Primer	-	Polurene MD50
2K Pigmented Sealer	Rexin 160	Polurene AD / Polurene IR51BA
2K Pigmented Topcoat	Rexin DP127	Polurene OK.D.S



Pigmented Pine Wood for windows frame 着色松木窗框

	Comp A	Hardener
1K Primer	Rexin 160	Polurene AD / POLURENE IR51BA
2K Pigmented Sealer	Rexin	Polurene AD / Polurene IR51
2K Pigmented Topcoat	Rexin	Polurene OK.D.S



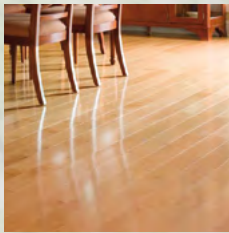
Clear Mat on solid wood 实木清漆

	Comp A	Hardener
2K Clear Sealer	Rexin 129 / Rexin 1234	Polurene AD / Polurene IR51BA
2K Clear Topcoat	Rexin 129 / Rexin 1234	Polurene OK.D



Clear Mat on solid wood 实木清漆

	Comp A	Hardener
2K Clear Sealer	Rexin 129 / Rexin1234	Polurene AD / Polurene IR51BA
2K ClearTopcoat	Rexin AP 575	Polurene OK.D.S



Parquet 木地板

	Comp A	Hardener
1K Solvent Based High Gloss	Ucopol M33/60	-
2K Waterborn Mat	Bluepur 2937	Hydorene AW1



DIY Maintenance 自己动手做保修

1K	Ucopol OL W 41/55
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Metal 金属





Corrosion Protection 防腐

	Comp A	Hardener
2K Primer	Rexin LS 124	Polurene IR 70 BA
2K Pigmented	Rexin 127	Polurene M75
2K Pigmented	Acrylic	Polurene OK-HP
2K Pigmented Topcoat	Acrylic	Polurene OK-HP



Car Refinish 汽车修补

	Comp A	Hardener
2K Primer	Rexin LS 124	Polurene IR70BA
2K Pigmented Basecoat	Rexin 127	Polurene MT 90
2K Clear Topcoat	Acrylic + Rexin	Polurene MT 90



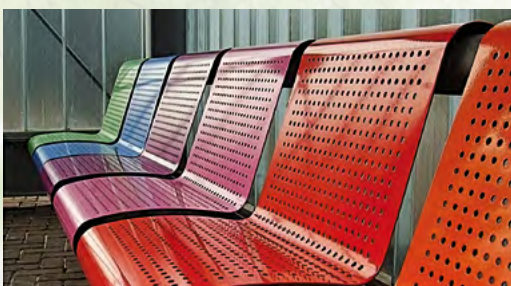
DIY Maintenance 自己动手做保修

1K Sealer Topcoat	Ucopol OL W 41/55
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Coil Coating 卷钢涂料

	Comp A	Hardener
1K Primer Topcoat	Rexin DP 500	Polurene BK 1175
1K Clear Topcoat	Saturated Polyester	Polurene BK 1175



Waterborne 水性

	Comp A	Hardener
2K Pigmented	Bluepur 3037	Hydorene AW 1
2K Clear Topcoat	Bluepur 3037	Hydorene 33



Plastic 塑料





1K Primer 单组分底漆

	ABS	PA	PC	PVC	PS
Ucoflex EW 810/30A	x	x	x	x	x
Polurene TPI 27 AE	x			x	
Ucopol M34/60 MPAX LV	x	x	x	x	x



High Performance Topcoat 高性能面漆

	ABS	PA	PC	PVC	PS
Rexin DP 127 / Polurene MT 100 LV	x	x	x	x	x



2K Soft Touch 双组分柔感漆

	ABS	PA	PC	PVC	PS
Solvent Based Rexin DP 417 / POLURENE MT90	x	x	x	x	x
Water Based Bluepur 3080 / Hydorene AW1	x	x	x	x	x



2K DIRECT ON PLASTIC 塑胶基材双组分直涂

	ABS	PA	PC	PVC	PS
Solvent Based Rexin DP 412 / POLURENE AD	x	x	x	x	x
Water Based Bluepur 3037 / Hydorene 33	x		x		x

Hardeners 硬化剂

		ABS	PA	PC	PVC	PS
Solvent Based Yellowing	POLURENE AD	x	x	x	x	x
Solvent Based Non Yellowing	POLURENE MT 90	x	x	x	x	x
	POLURENE MT 100 LV	Low Viscosity Hardener	Low Viscosity Hardener	Low Viscosity Hardener	Low Viscosity Hardener	Low Viscosity Hardener
Water Based Non Yellowing	HYDRORENE AW 1	Mat Finish	Mat Finish	Mat Finish	Mat Finish	Mat Finish
	HYDRORENE 33	High Gloss Finish	High Gloss Finish	High Gloss Finish	High Gloss Finish	High Gloss Finish



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