



Product Datasheet 产品说明书

Product name 产品名称

LT161 High Performance Aliphatic polyurethane Series 高性能聚氨酯色漆

Product description 产品描述

This product is based on modified hydroxyl acrylic resin as main material, use imported pigment and assistant with rubbing. It is with smooth coat and great physical and chemical property. LT161 Series inhibit condensation by absorbing moisture and improving insulation. Semi-gloss is available. During application and curing a substrate temperature down to -5°C is acceptable provided the substrate is dry and free from ice. It is re-coatable without maximum time window.

LT161 高性能脂肪族聚氨酯色漆以改性羟基丙烯酸树脂为主要基料, 选用进口颜填料和助剂经研磨分散而成。产品涂层平整、光滑, 耐物理、化学性能优良并能够吸收湿气从而改善绝缘性能。柔和半光效果。如果基层干燥且没有结冰, 基层可接受的施工和固化温度可低至-5°C。此产品为可复涂面漆, 没有最大再涂间隔。

Product purpose 产品用途

This product has extensive usage, recommended for large and medium-sized vehicle or mechanical equipment demanding for great appearance. It can also be used for steel structure for a durable and high performance film.

本产品用途广泛, 通常推荐用于大、中型运输车辆, 或外观要求较高的机械设备。也可用于钢结构作为高性能面漆。

Product character 产品特性

- ☐ Smooth dry film. Semi-glossy and high build appearance.
涂层平整、光滑, 外观半光、饱满。
- ☐ Excellent resistance to atmospheric, industrial, chemical and marine exposure conditions.
优异的抗大气、工业、化工以及海洋环境。
- ☐ Excellent physical property and chemical resistance.
优良的物理性能和耐化学品性。
- ☐ With smooth film, avoid condensation of moisture. It is kind of hydrophobic anti-condensation coatings.
表面光滑, 具有防止水蒸气凝结油漆表面的功能, 属于疏水型防凝露油漆。
- ☐ Conventional air-spray application. Can be used in airless spray also.
通常采用常规空气涂装方式和无气喷涂。
- ☐ Unlimited recoatable.
无再涂间隔限制。
- ☐ Good color and gloss retention.
优异的保色及保光性能。
- ☐ Non-chalking, non-yellowing.
不粉化、不黄变。
- ☐ Tough and abrasion resistant.
漆膜坚韧耐磨。
- ☐ Recommended dry film thickness: 35-80um.

推荐干膜厚度: 35-80 微米。

- ☐ VOC: 383 g/l (3.2 lb/gal).
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Related products 配套产品

- ☐ LH161-20 Hardener-Standard LH161-20 固化剂-标准
- ☐ LN141-20 Thinner-Standard LN141-20 稀释剂-标准

Surface treatment 表面处理

- ☐ Substrate should be oil, grease and dust free with dried condition. It is better to treat the substrate with degreasing, de-rusting and well primed before applying the paint.
 要求被涂物件表面无油、无尘、干燥，最好经过除油、除锈、施工防腐底漆等良好的前处理和施工底漆。

Application process 施工流程

Application methods 施工方法	Conventional air spray 手工喷涂	Airless spray 无气喷涂	
Volume Solid 体积固体含量	58%±3		
Mixing ratio(V/V) 混合比例 (体积)	88/12		
Thinner 稀释剂	LN141-20		
Thinning ratio 稀释比例	5-10%	0-5%	
Pot life 混合使用时间(21℃)	5 hours /小时		
Spraying distance (cm) 喷涂距离 (厘米)	25~30	30~50	
Spraying nozzle (mm) 喷涂口径 (毫米)	1.0~1.5	0.42~0.53	
Pressure 喷涂压力 (Mpa)	0.3~0.4	15~18	
Flash-off 层闪时间	5~10min/分钟		
Flow time 流平时间	10~15min/分钟		
Drying time 干燥时间	21℃	10℃	
	Touch dry/指触干	120min/分钟	180min/分钟
	Through/实干	6Hour/小时	8Hour/小时
	Overcoating(Min.)/最短再涂间隔	6Hour/小时	8Hour/小时
Oven dry/低温烘烤	70°C, 50 min/分钟		

Important notes 注意事项:

- ☐ Apply a wet coat in even, parallel passes; overlap each pass 50 percent to avoid holidays, bare areas and pinholes. If required, cross spray at right angles to first pass.
 应平行、均匀的喷涂，并保证 50%的压枪以保证避免出现针孔、漏涂等。如果需要，可在垂直方向再喷涂一次。



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