

Product Datasheet 产品说明书

Product name 产品名称

LT160 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. LT160 Series inhibit condensation by absorbing moisture and improving insulation. Wide color available: solid colors from RAL, BS, Pantone, Munsell, FS or customer tailored. LT 160 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。颜色广泛:RAL, BS (英国色卡), AFNOR (法国色卡) Pantone, Munsell, FS (美国联邦色卡) 或者客户特定的实色系列。

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. Glossy and high build appearance
涂层平整、光滑,外观光亮、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 application also.
通常采用常规空气涂装方式,也可无气喷涂。
- ☑ 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。
- ☑ Maximum dry heat resistance up to 120°C.
最大可抗干温达 120°C。

- ☐ Recommended dry film thickness: 35-80um.
推荐干膜厚度: 35-80 微米。
- ☐ Theoretical spreading rate @ DFT 50um: 12 M²/L (0.117Kg/M²).
理论涂布率 (干膜厚度 50 微米): 12 M²/L (0.117Kg/M²).
- ☐ VOC: 340 g/l (2.8 lb/gal).
VOC: 340 g/l (2.8 lb/gal)。

Related products 配套产品

- ☐ LH160-20 Hardener-Standard LH160-20 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 phosphating process 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、磷化等良好的前处理。

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	60%±3	
Mixing ratio(V/V) 混合比例 (体积)	4/1	
Thinner 稀释剂	LN141-20	
Thinning ratio 稀释比例	8-18%	0-5%
Pot life 混合使用时间(21℃)	5 hours 5 小时	
Spraying distance (cm) 喷涂距离 (cm/厘米)	25~30	30~50
Spraying nozzle (mm) 喷涂口径 (毫米)	1.4~1.6	0.42~0.53
Pressure 喷涂压力 (Mpa)	0.4~0.6	15~18
Flash-off 层闪时间	5~10min	5~10 分钟
Flow time 流平时间	10~15min	10~15 分钟
		21℃ 10℃
Drying time 干燥时间	Touch dry/指触干 Through/实干 Overcoating(Min.)/最短再涂间隔	120min/分钟 8Hour/小时 8Hour/小时
		180min/分钟 12Hour/小时 16Hour/小时

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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