

纯聚酯型粉末涂料系列

项目	仪器	标准	测试方法
铅笔硬度	铅笔硬度仪	≥ H	GB/6739
耐冲击	冲击仪	≥ 50 kgNaN	GB/T 1732
耐弯曲性	弯曲仪	≤ 2mm	GB/T 6742
附着力	百格测试	0 级	GB/T 9286
杯突	杯突仪	≥ 6 mm	GB/T9753

化学性能：

耐盐雾	≥ 500 Hs	≥9级	GB/T 1771
耐湿热	≥ 1000 Hs	轻微失光	GB/T 1740
耐候性	人工加速老化 QUV-B3 13 240h	≥3级	GB/T 1865

以上试验均采用 0.8mm 除油除锈冷轧钢板，涂膜厚度 40 ~ 80um，涂膜的性能指标会随光泽不同稍有变化。

环保要求：本产品不含砷、硒、铅、六价铬、汞、镉、镭、等重金属，且完全符合 RoHS 环保要求。

贮存条件：25℃左右干燥、通风室内贮存，避免阳光直射，在此条件下，粉末可贮存 12 个月。

说明：本报告中提及的各项测试指标，均为实验室检测所得出之数据仅供参考，不作为产品应用的性能承诺。结果随环境因素及其它条件而会有变化。

简介：采用聚酯树脂配合 Primid 固化剂为主要原料制成。

特性：

- 附着力好，机械性能佳
- 涂膜平整、光滑
- 耐化学品和耐腐蚀性能好
- 厚涂层易出现针孔(140 微米以上)
- 较 TGIC 型更高的贮存稳定性及保质期

用途：适合各种户外产品装饰和保护：如家用电器，建筑铝型材，交通设

施，体育场馆设施，庭院设施等

产品系列:

---可制成各种光泽及多彩颜色，具体光泽颜色以用户指定为准

---可提供标准耐候型和超耐候型产品

应用参数:

固化时间: 200°C×10--15 分钟

喷涂方式: 高压静电喷涂 60-80 KV

建议膜厚: 60—80 um

Physical Property:

Item	Instrument	Standard	Testing method
Pencil hardness	Pencil hardness instrument	≥ H	GB/6739
Impact resistance	Impact tester	≥ 50 kgNaN	GB/T 1732
Flexing endurance	Bending instrument	≤ 2mm	GB/T 6742
Adhesive force	Cross-Cut tester	0 grade	GB/T 9286
Bulge	Bulge instrument	≥ 6 mm	GB/T9753

Chemical property:

Fog-corrosion retardancy	≥ 500 Hs	≥ 9 grade	GB/T 1771
Resistance to heat and humidity	≥ 1000 Hs	Slight loss of gloss	GB/T 1740
Weatherability	Artificial accelerated aging QUV-B313 240h	≥ 3 grade	GB/T 1865

Above tests adopt 0.8mm deoiling and derusting cold-rolled steel sheets, coating film thickness 40~80um; performance index of coating film will change with brilliance changing.

Requirement of environment protection: the product doesn't include arsenium, selenium, lead, hexavalent chromium, mercury, stibonium, cadmium and other heavy non-ferrous metals and is in fully conformity with requirement of RoHS environment protection.

Storage condition: at about 25°C and at ventilated indoors, avoiding direct sunlight

t. Under such condition, powder can be stored for twelve months and should be re-tested if more than twelve months.

Note: each test index mentioned in the report is data tested from lab and should only be used for reference and cannot be used as performance commitment of product application. The result will change with environment factors and other conditions changing.

Brief introduction: Polyester resin and acrylic resin are adopted main raw material

Characteristics: ---Smooth and fine surface and good hand feeling

---Good adhesive force and impact resistance

---Excellent weatherability

---Good anti-yellowing

Usage: ---Outdoors lighting fixture, outdoors furniture, aluminum ceiling and aluminum profile etc

Product series: ---Can be made into each kind of low brilliance and colorful color; concrete brilliance and color should be designated by users.

Application parameter: Curing time: 200°C×10—15 minutes

Spraying mode: high voltage electrostatic spraying 60-80 KV

Suggested film thickness: 60—80 um