

## 概述General Description

50:50户内混合聚酯树脂 50:50 indoor polyester resin type, for hybrid purposes

良好的流平Good flow effect

中等反应（固化）速度Medium cure

良好机械性能Good mechanical performance

## 挤出 &amp; 应用条件Extrusion &amp; Application Conditions

挤出机Extruder:: 凌宇 SLJ-25 Lingyu SLJ-25

温区I Zone I temp: 85-105℃

温区II Zone II temp.: 80-120℃

螺杆转速Screw speed: 300-400rpm

板材Panel: 0.5mm 预处理冷轧钢板 0.5mm pre-treated cold-rolled steel

配枪Spray gun: 凌宇JP-80 Lingyu JP-80

电压Voltage: 60-90kV

固化条件Curing cycles: 10min. @ 200℃

## 包装Packaging

白色PE袋, 净重25kg/袋, 1000kg/托盘.White PE bag, N.W.25kg/bag, 1000kg/pallet.

大包装袋: 750KG Big bags 750 kg

## 贮存Storage

置于干燥、温度低于30℃处的密闭容器内, 本产品可稳定贮存至少1年, 避免阳光照射。

The product can be stably stored for at least one year when kept in closed containers in a dry place at temperature below 30℃.

Avoid exposure to direct sunlight.

## 产品说明Product Specifications

特性Property	范围Range	测试方法Test Method
外观Appearance	颗粒状Clear granules	目视Visual
酸值Acid value	60-65 mgKOH/g	ASTM D1639
粘度Viscosity	80-90 pa.s	ASTM D4287
加德纳色度 (50%解决方案) Color (50% solution)	Max 10	ASTM D1544

## 其他数据Other Data

特性Property	范围Range	测试方法Test Method
玻璃化温度, °C Glass transition temp., °C	approx. 58	DSC

## 基础配方Starting Formulation

成分Component	重量Weight
P 3503	300.0
LC-603H	300.0
钛白粉Titanium dioxide	300.0
流平剂LC-88 Flow agent	1.5
安息香Benzoin	3.0
碳酸钙填料CaCO3 filler	95.5

## 涂层特性Film Properties

测试项目Item	结果Result	测试方法Test Method
涂膜厚度, μm Film thickness, μm	approx. 70	ASTM D1186
光泽度 @ 60°, % Gloss @ 60°, %	92 unit	ASTM D523
正/反冲击测试, inch lbs Direct/reverse impact, inch lbs	80/80	ASTM D2794
1/8" 弯曲测试 1/8" Conical mandrel	通过pass	ASTM D522
附着力(十字划痕) Adhesion(cross cut)	5B	ASTM D3359
铅笔硬度 (Mar) Pencil hardness	H	ISO 15184-98