

饱和聚酯树脂Saturated, carboxylated polyester resin

**概述General Description**

60-60型聚酯树脂，用于混合粉末涂料用途60-60 type polyester resin, for hybrid powder coatings purposes.

中等反应速度Medium reactivity

良好的流平Good flow

良好的贮存稳定性Good storage stability

优异的颜料润湿性能Outstanding pigment wet properties

**挤出 & 应用条件Extrusion & Application Conditions**

挤出机Extruder: 决字 SJJ-20 Lingsu SJJ-20

温区I Zone I temp.: 85-105°C

温区II Zone II temp.: 80-120°C

螺杆转速Screw speed: 400-500rpm

板料Panel: 0.7mm 预处理冷轧钢板 0.7mm pre-treated cold-rolled steel

配枪Spray gun: 决字 SJ-65 Lingsu SJ-65

电压Voltage: 60-90kV

固化条件Curing cycle: 10min @ 200°C

**包装Packaging**

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

大包装: 750KG Big bags 750 kg

**贮存Storage**

置于干燥、温度低于30°C处的密封容器内，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°C. Avoid exposure to direct sunlight.

**产品说明Product Specifications**

特性Property	检测范围	测试方法Test Method
外观Appearance	透明颗粒 clear granule	目视Visual
粘度Viscosity	20-30pa.s	ASTM D4287
酸值Acid value	40-55 mg KOH/g	ASTM D1639
加德纳色度Gardner	Max.5	ASTM D1544
玻璃转化温度Tg	approx.58	DSC

**基础配方Starting Formulation**

成分Component	重量Weight
P 3413	60.0
LE-603H	40.0
钛白粉Titanium dioxide	50.0
流平剂 LC-88 Flow agent	1.5
安息香Benzoin	0.5

**涂层特性Film Properties**

测试项目Item	检测结果Result	测试方法Test Method
涂层厚度, µm Film thickness, µm	approx. 60	ASTM D1186
光泽度 @ 60°, % Gloss @ 60°, %	95 unit	ASTM D523
冲击冲击测试, inch lbs Direct/Reverse impact, inch lbs	30/30	ASTM D5794
1.8" 可弯曲测试 1.8" Curved mandrel	通过 Pass	ASTM D522
附着力(十字划痕) Adhesion(cross cut)	5B	ASTM D3159
铅笔硬度 (Mat) Pencil hardness	H	ISO 15184-98