

概述General Description

LF760是一款FEVE型氟碳树脂LF760 is FEVE type fluoropolymer

良好的耐化学品性能Excellent chemical resistance

超耐候性Super wethering resistance

良好的流平以及高光效果Good flow and glossy effect

良好的机械性能Outstanding mechanical properties

200C标准固化 200C standard cure.

良好的储存稳定性Good storage stability

挤出 & 应用条件Extrusion & Application Conditions

挤出机Extruder:: 凌宇 SLJ-20 Lingyu SLJ-20

温区I Zone I temp: 85-105°C

温区II Zone II temp.: 90-105°C

螺杆转速Screw speed: 400-500rpm

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

配枪Spray gun: 凌宇SJ-05 Lingyu SJ-05

电压Voltage: 60-90kV

固化条件Curing cycles: 15min. @ 200°C

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°C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°C.

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
粘度Viscosity	30-40 pa.s	ASTM D4287
酸值OH value	20-25 mg KOH/g	龙彩测试方法
颜色Color	Max 5	ASTM D1544
Tg	appr. 56	DSC

基础配方Starting Formulation

成分Component	重量Weight
LF760	91.0
LC-1530	9.0
钛白粉Titanium dioxide	50.0
LC-88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	结果Result	测试方法Test Method
涂膜厚度, μm Film thickness, μm	approx. 60	ASTM D1186
光泽度 @ 60°, % Gloss @ 60°, %	90 unit	ASTM D523
正/反冲击测试, inch lbs Direct/reverse impact, inch	160/160	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Pencil hardness	H	ASTM D3363