

概述 General Description

LF740是一款FEVE型氟碳树脂 LF740 is FEVE type fluoropolymer
 良好的耐化学性能 Excellent chemical resistance
 超耐候性 Super weathering resistance
 良好的流平以及半光效果 Good flow and semi-glossy effect
 良好的机械性能 Outstanding mechanical properties
 200C标准固化 200C standard cure.
 良好的储存性 Good storage stability

挤出 & 应用条件 Extrusion & Application Conditions

挤出机 Extruder:: 凌宇 SLJ-20 Linyu 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 Linyu SJ-05
 电压 Voltage: 60-90kV
 固化条件 Curing cycles: 10min. @ 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: 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	20-30 pa.s	ASTM D4287
酸值 OH value	40-45 mg KOH/g	差影测试方法
颜色 Color	Max 5	ASTM D1544
T _g	appr. 56	DSC

基础配方 Starting Formulation

成分 Component	重量 Weight
LF740	83.0
LC-1530	17.0
钛白粉 Titanium dioxide	50.0
LC-200流平剂 LC-200 Flow agent	1.5
安息香 Benzoin	0.5
LC-244A	0.5

涂层特性 Film Properties

测试项目 Item	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°, %	40-50 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 Pencil hardness	H	ASTM D3363
紫外光134小时~50°C紫外光4小时, 40°C凝结 UV/R31.4 hrs @50°C 1UV/hrs-40°C condensation	2000hrs 50%保光性 2000hrs 50% 4000hrs, 黄色 chromic铝面板, 低 于1毫米	ASTM G-154
耐盐雾腐蚀性 Salt spray resistance	4000hrs, Yellow chromic aluminum panel, blistering less than 1mm	ASTM -117