

Longcester[®] P 8800 Saturated, carboxylated polyester resin

General Description

PRIMID cure resin, 92/8 type, for architectural purposes.Can be used for dryblend low gloss with P8300

- · Outdoor durable
- · Fast cure
- · Mechanical properties
- · Flexibility

Product Specifications		
Property	Range	Test Method
Appearance	clear granule	Visual
Viscosity	30~50 pa.s	Longcai method
Acid value	53~55 mg KOH/g	Longcai method
Color	Max 10	Longcai method
Тg	appr.62	Longcai method

Extrusion & Application Conditions			
Extruder:	Lingyu SLJ-20		
Zone I temp.:	95~110 °C		
Zone II temp.:	95~110 [°] C		
Screw speed:	400~500rpm		
Panel:	0.5mm pre-treated cold-rolled steel		
Spray gun:	Lingyu JP-80		
Voltage:	60~90kV		
Curing cycles:	10 min. @ 180°C		

Starting Formulation		
Component	Weight	
P 8300	579.0	/
P 8800	/	552.0
LC-552	21.0	48.0
Titanium dioxide	300.0	300.0
LC-88 Flow agent	9.0	9.0
Benzoin	3.0	3.0

Packaging

 \cdot White PE bag, N.W.25kg/bag, 1000kg/pallet.

Storage

The product can be stably stored for at least one year when kept in closed containers in a dry place at temperature below 30 $^\circ\!C$. Avoid exposure to direct sunlight.

Film Properties		
Item	Result	Test Method
Film thickness, µm	approx. 60	ASTM D1186
Gloss @ 60º, %	27 unit	ASTM D523
Direct/reverse impact, inch lbs	120/120	ASTM D2794
1/8" Conical mandrel	pass	ASTM D522
Adhesion(cross cut)	5B	ASTM D3359
Pencil hardness (Mar)	Н	ISO 15184-98

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