

General Description

PRIMID cure resin, 97/3 type, for architectural purposes.

Can be used for dryblend low gloss with P8800

- Outdoor durable
- Slow cure.
- Flow
- Flexibility
- Yellowing resistance

Extrusion & Application Conditions

Extruder:	Lingyu SLJ-25
Zone I temp.:	95~110℃
Zone II temp.:	95~110℃
Screw speed:	400~500rpm
Panel:	0.5mm pre-treated cold-rolled steel
Spray gun:	Lingyu SJ-5
Voltage:	60~90kV
Curing cycles:	15 min. @ 180℃

Packaging

- White PE bag, N.W.25kg/bag, 1000kg/pallet.
- Big bags 750 Kg

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℃. Avoid exposure to direct sunlight.

Product Specifications

Property	Range	Test Method
Appearance	Pale granules	Visual
Viscosity	3000~4000 mpa.s	ASTM D4287
Acid value	20~26 mg KOH/g	ASTM D1639
Color	Max 10	ASTM D1544
Tg	appr.65	DSC

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

Film Properties

Item	Result	Test Method
Film thickness, μm	approx. 60	ASTM D1186
Gloss @ 60°, %	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	H	ASTM D3363

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