

General Description

For TGIC cure resin, 93/7 type, for super durable purposes.

For HAA cure resin, 95/5; for super durable purposes.

- Outdoor durable
- Slow cure.
- Flow
- Limited mechanical properties
- Yellowing resistance

Extrusion & Application Conditions

Extruder:	Lingyu SLJ-25
Zone I temp.:	90~105 °C
Zone II temp.:	90~105 °C
Screw speed:	400~500rpm
Panel:	0.5mm pre-treated cold-rolled steel
Spray gun:	Lingyu SJ-5
Voltage:	60~90kV
Curing cycles:	15 min. @ 200 °C

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 °C. Avoid exposure to direct sunlight.

Product Specifications

Property	Range	Test Method
Appearance	Pale granules	Visual
Viscosity	3000~4000 mpa.s	ASTM D4287
Acid value	30~36 mg KOH/g	ASTM D1639
Color	Max 10	ASTM D1544
Tg	appr.62	DSC

Starting Formulation

Component	Weight	
P 9580	697.5	712.5
LC-TGIC	52.5	/
Benzoin	3.0	3.0
Titanium dioxide	300.0	300.0
LC-88 Flow agent	10.0	10.0
LC-552 Hydroxyalkylamide	/	37.5

Film Properties

Item	Result	Test Method
Film thickness, μm	approx. 60	ASTM D1186
Gloss @ 60°, %	95 unit	ASTM D523
Direct/reverse impact, inch lbs	20/20	ASTM D2794
1/8" Conical mandrel	pass	ASTM D522
Adhesion(cross cut)	5B	ASTM D3359
Pencil hardness	H	ASTM D3363
UVB313 4 hrs.to50°C UV /4hrs.40°C condensation	1000hrs 50% gloss retention	ASTM G-154
Salt spray resistance	3000hrs blistering less than 1mm on yellow chrome aluminium panel	ASTM B-117

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