

General Description

TGIC cure resin, 93/7 type, for outdoor purposes.
Good mechanical performance

- Outdoor application
- Medium cure.
- Flow
- Flexibility

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:	10 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
Acid value	30~36 mg KOH/g	ASTM D1639
Viscosity	45~55 Pa.s	ASTM D4287
Color	max. 5	ASTM D1544
Tg	appr. 64	DSC

Starting Formulation

Component	Weight
P 5600	558
LC- TGIC	42
Titanium dioxide	300
LC- 88 Flow agent	9.5
Benzoin	3.0

Film Properties

Item	Result	Test Method
Film thickness, μm	approx. 60	ASTM D1186
Gloss @ 60°, %	92 Unit	ASTM D523
Direct/reverse impact, inch lbs	80/80	ASTM D2794
1/8" Conical mandrel	pass	ASTM D522
Adhesion(cross cut)	5B	ASTM D3359
Pencil hardness	H	ASTM D3363

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