

General Description

For TGIC cure 90/10 type, For HAA cure 92/8 type; for super durable purposes. Can be used for dryblend low gloss with P9588

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

Extrusion & Application Conditions

Extruder:	Lingyu SLJ-25
Zone I temp.:	90~105 ℃
Zone II temp.:	90~105 ℃
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 ℃

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 granule	Visual
Viscosity	3000~4000 mpa.s	ASTM D4287
Acid value	50~56 mg KOH/g	ASTM D1639
Color	Max 10	ASTM D1544
Tg	appr.67	DSC

Starting Formulation

Component	Weight			
P 9588	660.0	/	667.0	/
P 9590	/	618.5	/	632.5
LC-TGIC	27.5	69.0	/	/
Titanium dioxide	300.0	300.0	300.0	300.0
LC-88 Flow agent	9.5	9.5	9.5	9.5
Benzoin	3.0	3.0	3.0	3.0
LC-552	/	/	20.5	55

Film Properties

Item	Result	Test Method
Film thickness, μm	approx. 60	ASTM D1186
Gloss @ 60°, %	27 unit	ASTM D523
Direct/reverse impact, inch lbs	60/60	ASTM D2794
1/8" Conical mandrel	pass	ASTM D522
Adhesion(cross cut)	5B	ASTM D3359
Pencil hardness	H	ASTM D3363

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