

## CP-6114

Chekad CP-6114 is a carboxylated polyester resin designed for 60/40 formulation of hybrid powder coatings.

### Final film properties

High wetting, Low viscosity, Suitable for texture coatings.

### Resin properties

Property	Unit	Value	Test method
Appearance	-	pale flakes	-
Acid value	mgKOH/g	50-55	ASTM D 1639
Viscosity	CP@200°C	1000-2000	ASTM D 4287
Glass transition temp (Tg)	°C	≥ 54	ASTM E 1356
Color	Gardner	< 2	ASTM D 1544

### Packaging

25 Kg bags or big bags.

### Storage

Store in a cool and dry place.

Keep away from heat sources and direct sunlight.

### Starting formulation

RM	Manufacturer	Formula
Polyester Resin (CP- 6114)	<b>Chekad</b>	<b>352</b>
Epoxy Resin (CE 12 ; EEW 720)	<b>Chekad</b>	<b>248</b>
Flow agent (GIP 288)	<b>SSC</b>	<b>10</b>
Benzoin	<b>SSC</b>	<b>4</b>
Blanc fixe (HY-PBS)	<b>Hoyonn</b>	<b>86</b>
Tio2	<b>Lomon</b>	<b>300</b>

#### Extrusion condition

Twin-screw extruder (preferably)

Barrel Temperature: 95-100 (°C)

Speed: 300 (rpm)

#### Film properties

Impact: 50 (kg\*cm)

Gloss (60°): > 90

Adhesion: Excellent

#### Cure cycle

15 minutes / 180 °C

10 minutes / 200 °C

Note: Given information in this TDS is just for consumer guidance, please make sure of the resin suitability before use.



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