

## CP-9414

Chekad CP-9414 is a carboxylated polyester resin formulated for 90/10 of TGIC powder coatings.

### Final film properties

Dry blend with CP-9413 resin to create a matte surface.

### Resin properties

Property	Unit	Value	Test method
Appearance	-	pale flakes	-
Acid value	mgKOH/g	50-55	ASTM D 1639
Viscosity	CP@200°C	5000-7000	ASTM D 4287
Glass transition temp (Tg)	°C	≥67	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-9414)	<b>Chekad</b>	<b>540</b>
TGIC(hardner)	<b>SSC</b>	<b>60</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: 100-105 (°C)  
Speed: 300 (rpm)

#### Film properties

Impact: 50 (kg\*cm)  
Gloss (60°): > 90  
Adhesion: Excellent

#### Cure cycle

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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