

## CP-9413

Chekad CP-9413 is a carboxylated polyester resin formulated for 95/5 of TGIC powder coatings.

### Final film properties

Dry blend with CP-9414 resin to create a matte surface.

### Resin properties

Property	Unit	Value	Test method
Appearance	-	pale flakes	-
Acid value	mgKOH/g	20-25	ASTM D 1639
Viscosity	CP@200°C	3500-5500	ASTM D 4287
Glass transition temp (Tg)	°C	≥63	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-9413)	Chekad	570
TGIC(Hardner)	SSC	30
Flow agent (GIP 288)	SSC	10
Benzoin	SSC	5
Blanc fixe (HY-PBS)	Hoyonn	85
Tio2	Lomon	300

#### 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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