

## CP-9216

Chekad CP-9216 is a carboxylated polyester resin formulated for 93/7 of TGIC powder coatings.

### Final film properties

Suitable for texture coatings, economy grade.

### Resin properties

Property	Unit	Value	Test method
Appearance	-	pale flakes	-
Acid value	mgKOH/g	30-36	ASTM D 1639
Viscosity	CP@200°C	1500-4000	ASTM D 4287
Glass transition temp (Tg)	°C	≥65	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-9216)	Chekad	558
TGIC(hardner)	SSC	42
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)

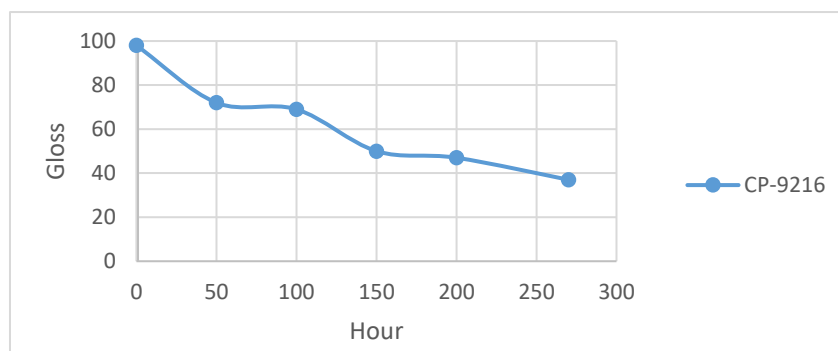
#### Film properties

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

#### Cure cycle

10 minutes / 200 °C  
(Metal temperature)

### UVB test chart



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



Shimi Pooshesh Kala Co.(Chekad)

Office: Unit# 52, Golbarg Commercial Center, Janbazan Ave., Narmak, Tehran-Iran

Tel: 0098-21-72531000

Fax : 0098 -21- 77955874

[www.chekad.com](http://www.chekad.com)