

CP-9218

Chekad CP-9218 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	2000-5000	ASTM D 4287
Glass transition temp (Tg)	°C	≥ 62	ASTM E 1356
Color	Gardner	< 3	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-9218)	Chekad	558
TGIC(hardner)	SSC	42
Flow agent (GLP 288)	SSC	10
Benzoin	SSC	5
Blanc fixe (HY-PBS)	Hoyonn	185
TiO ₂	Lomon	200
Total		1000

Extrusion condition

Barrel Temperature: 100-105 (°C)

Speed: 300 (rpm)

Film properties

Thickness: 60-80 (µm)

Impact: 50 (kg*cm)

Gloss (60°): > 90

Cure cycle

10 minutes / 200 °C

(Metal temperature)

UVB test chart

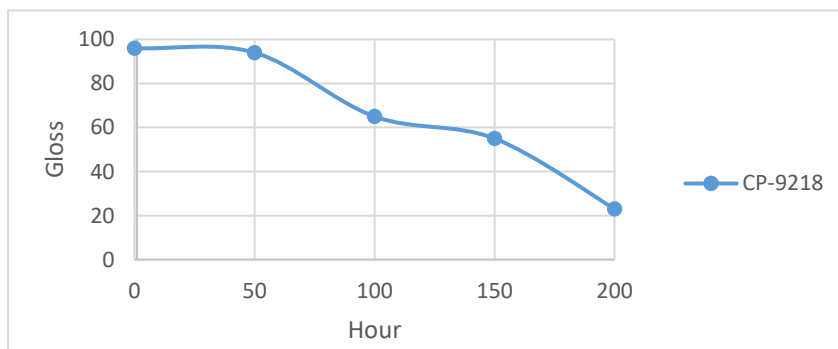
Test condition

UVB-313 nm

8h radiation (60 °C)

Emission= 0.77 W/m²

4h dawning (50 °C)



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