

CP-9409

Chekad CP-9409 is a carboxylated polyester resin formulated for 93/7 of TGIC powder coatings.

Final film properties

High DOI & TG, Good flow, Excellent mechanical properties, Good weathering resistance.

Resin properties

Property	Unit	Value	Test method
Acid value	mgKOH/g	29-35	ASTM D 1639
Viscosity	CP@200°C	2500-4500	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-9409)	Chekad	558
TGIC(hardner)	SSC	42
Flow agent (GIP 288)	SSC	10
Benzoin	SSC	4
Blanc fixe (HY-PBS)	Hoyonn	86
Tio2	Lomon	300

Extrusion condition

Twin-screw extruder (preferably)
Barrel Temperature: 100-105 (°C)
Speed: 300 (rpm)

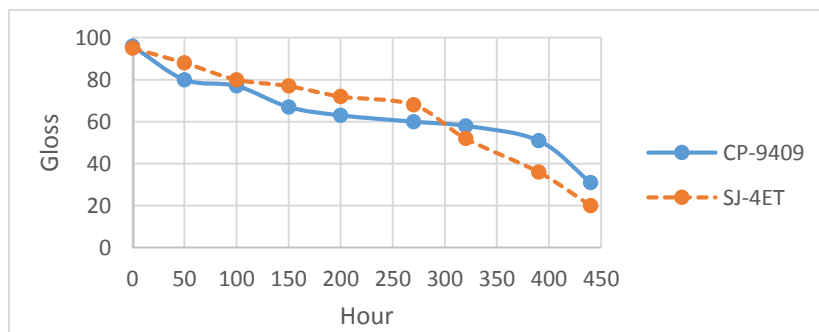
Film properties

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

Cure cycle

10minutes / 200 °C

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