

CP-7410

Chekad CP-7410 is a carboxylated polyester resin designed for 70/30 formulation of hybrid powder coatings.

Final film properties

Resin for general use, Excellent mechanical properties, Excellent flow.

Resin properties

Property	Unit	Value	Test method
Appearance	-	pale flakes	-
Acid value	mgKOH/g	30-36	ASTM D 1639
Viscosity	CP@200°C	2500-5000	ASTM D 4287
Glass transition temp (Tg)	°C	≥57	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-7410)	Chekad	420
Epoxy Resin (CE 12 ; EEW 720)	Chekad	180
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: 95-100 (°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.



Shimi Pooshesh Kala Co.(Chekad)

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

Tel: 0098-21-72531000

Fax : 0098 -21- 77955874