

CP-4110

Chekad CP-4110 is a carboxylated polyester resin formulated for primid powder coatings.

Final film properties

Good flow, Economy grade, indoor application, suitable for texture coatings.

Resin properties

Property	Unit	Value	Test method
Appearance	-	pale flakes	-
Acid value	mgKOH/g	30-36	ASTM D 1639
Viscosity	CP@200°C	1200-3000	ASTM D 4287
Glass transition temp (Tg)	°C	≥59	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
Primid Resin (CP-4110)	Chekad	570
T105(Hardner)	SSC	30
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)

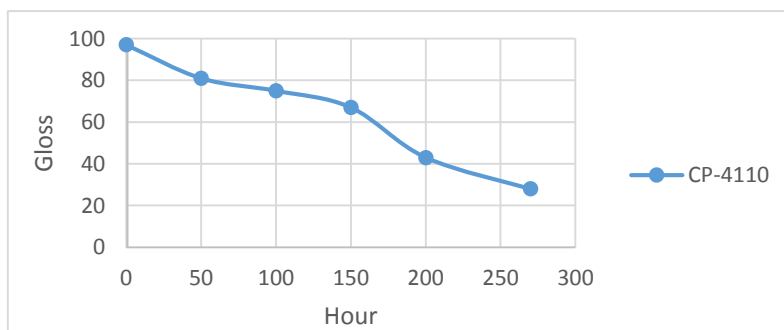
Film properties

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

Cure cycle

15 minutes / 180 °C
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.



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