

CP-4411

Chekad CP-4411 is a carboxylated polyester resin formulated for primid powder coatings.

Final film properties

High gloss, Excellent weathering.

Resin properties

Property	Unit	Value	Test method
Appearance	-	pale flakes	-
Acid value	mgKOH/g	30-36	ASTM D 1639
Viscosity	CP@200°C	3000-5000	ASTM D 4287
Glass transition temp (Tg)	°C	≥62	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
Primid Resin (CP-4410)	Chekad	570
T105(Hardner)	SSC	30
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

15 minutes / 180 °C
 10 minutes / 200 °C

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

