

CP-9610

Chekad CP-9610 is a carboxylated polyester resin formulated for 93/7 of TGIC powder coatings.

Final film properties

Super durable resin, with High DOI & TG, Good flow, Good mechanical resistance, Excellent weathering resistance

Resin properties

Property	Unit	Value	Test method
Acid value	mgKOH/g	27-33	ASTM D 1639
Viscosity	CP@200°C	1500-3000	ASTM D 4287
Glass transition temp (Tg)	°C	≥63	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-9610)	Chekad	605
TGIC(hardner)	SSC	45
Flow agent (GIP 288)	SSC	10
Benzoin	SSC	4
Blanc fixe (HY-PBS)	Hoyonn	36
Tio2	Lomon	300

Extrusion condition

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

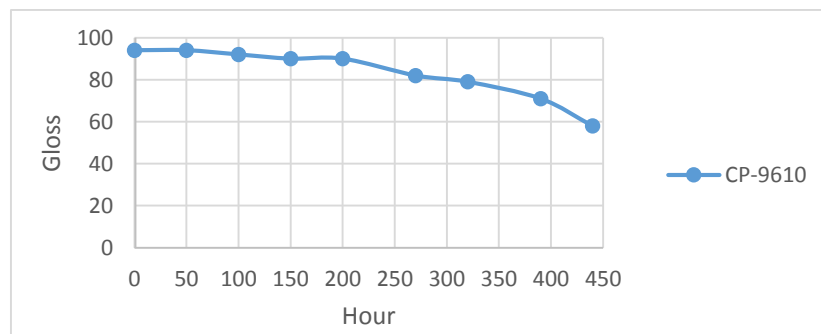
Film properties

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.



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