

CP-9610

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

Final film properties

Super durable, High DOI.

Resin properties

Property	Unit	Value	Test method
Acid value	mgKOH/g	27-33	ASTM D 1639
Viscosity	CP@200°C	2500-5500	ASTM D 4287
Glass transition temp (Tg)	°C	≥64	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
Polyester Resin (CP-9610)	Chekad	651
TGIC(hardner)	SSC	49
Flow agent (GLP 288)	SSC	10
Benzoin	SSC	5
Blanc fixe (HY-PBS)	Hoyonn	85
TiO ₂	Lomon	200
Total		1000

Extrusion condition

Barrel Temperature: 100-105 (°C)

Speed: 300 (rpm)

Film properties

Thickness: 60-80 (µm)

Impact: 50 (kg*cm)

Gloss (60°): > 90

Cure cycle

10 minutes / 200 °C

(Metal temperature)

UVB test chart

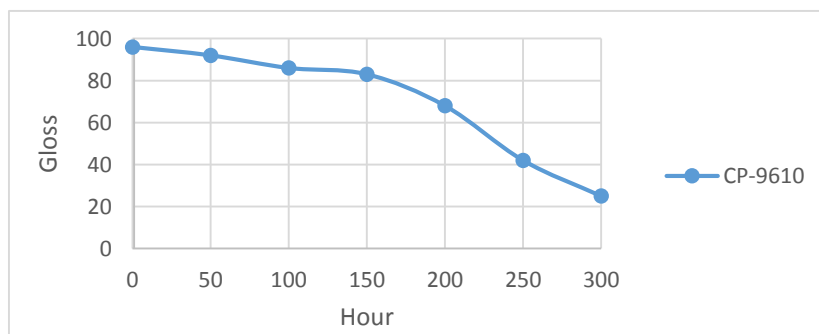
Test condition

UVB-313 nm

8h radiation (60 °C)

Emission= 0.77 W/m²

4h dawning (50 °C)



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



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