

CP-9420

Chekad CP-9420 is a carboxylated polyester resin formulated for 93/7 of TGIC powder coatings.

Final film properties

High DOI&TG, Excellent flow, Slow cure, Good mechanical properties, High weather resistance.

Resin properties

Property	Unit	Value	Test method
Appearance	-	pale flakes	-
Acid value	mgKOH/g	29-35	ASTM D 1639
Viscosity	CP@200°C	3000-5000	ASTM D 4287
Glass transition temp (Tg)	°C	≥ 67	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-9420)	Chekad	558
TGIC(hardner)	SSC	42
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)

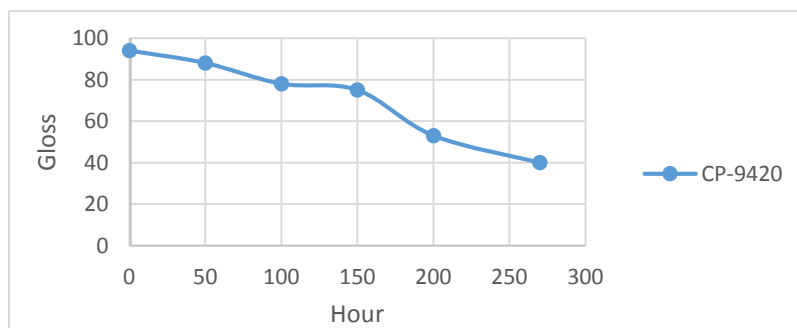
Film properties

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

Cure cycle

12 minutes / 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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