

## CP-1221

Chekad CP-1221 is a hydroxylated solid polyester resin designed to be cured with isocyanate for polyurethane powder coatings.

### Final film properties

87/13 ratio, Suitable for texture coating.

### Resin properties

Property	Unit	Value	Test method
Appearance	-	pale flakes	-
Hydroxyl Value	mgKOH/g	26-36	ASTM D 1639
Viscosity	CP@200°C	5000-10000	ASTM D 4287
Glass transition temp (Tg)	°C	≥69	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
Hydroxyl Resin (CP-1221)	Chekad	522
ICN Hardner(Veatagon B 1530)	SSC	78
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: 110-115 (°C)  
Speed: 300 (rpm)

#### Film properties

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

#### Cure cycle

10 minutes / 200°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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