

## CP-6320

Cekad CP-6320 is a carboxylated polyester resin designed for 60/40 formulation of hybrid powder coatings.

### Final film properties

Good flow, TMA free

### Resin properties

Property	Unit	Value	Test method
Appearance	-	pale flakes	-
Acid value	mgKOH/g	48-54	ASTM D 1639
Viscosity	CP@200°C	1500-4000	ASTM D 4287
Glass transition temp (Tg)	°C	≥ 60	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- 6320)	<b>Cekad</b>	<b>360</b>
Epoxy Resin (CE 12 ; EEW 720)	<b>Cekad</b>	<b>240</b>
Flow agent (GLP 288)	<b>SSC</b>	<b>10</b>
Benzoin	<b>SSC</b>	<b>5</b>
Blanc fixe (HY-PBS)	<b>Hoyonn</b>	<b>185</b>
TiO <sub>2</sub>	<b>Lomon</b>	<b>200</b>
Total		<b>1000</b>

#### Extrusion condition

Barrel Temperature: 95-100 (°C)

Speed: 300 (rpm)

#### Film properties

Thickness: 60-80 (µm)

Impact: 50 (kg\*cm)

Gloss (60°): > 90

#### Cure cycle

15 minutes / 180 °C

10 minutes / 200 °C

(Metal temperature)

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



Shimi Pooshesh Kala Co.(Chekad)

Office: Unit# 52, Golbarg Commercial Center, Janbazan Ave., Narmak, Tehran-Iran

Tel: 0098-21-72531000

Fax : 0098 –21- 77955874

[www.chekad.com](http://www.chekad.com)