



## P1503 (50:50) SATURATED POLYESTER RESIN

## PRODUCT

Properties	Recommended
P1503 (50:50) is a general type saturated polyester resin,	ING
which is used together with epoxy resin (by 50:50) to produce hybrid powder coatings, giving high gloss and high	Polyester res
TG.	Epoxy r
	P
	Flow agent
Specifications	В
Appearance: Light yellow & clear flake	Leveling
Color (DMF50%): 5-10	
Acid value (mgKOH/g): 68-76	
Glass Transition Temperature (°C): ≥60	
Viscosity (200°C/mPa.s): 3000-4500	
Technical condition for making coatings	Coating film pro
Extruder: SLJ-30AF Clamp set temperature(°C): 110-120	Film thickness(µr
Helix pole temperature(°C): 60 Rotational speed(rpm): 60	<u>Bend (mm): ≤6</u> Pencil hardness:
Powder particle size(µm .max):100	
Curing condition: 180°C/10 min (metal temperature)	
Package and Shelf Life	Spraying metho
a. Package: net 25kgs in PE bag or multi-ply paper bag;	Oilless and rustles

b. Shelf Life: in a ventilative, dry and clean place under 30°C, its shelf life is one year.

Recommended Formulation	
INGREDIENT	WEIGHT
Polyester resin P1503(50:50)	300g
Epoxy resin (E-12)	300
Padding	377g
Flow agent(PV88/GLP588)	10g
Benzoin	3g
Leveling agent (701B)	10g

## roperties

Film thickness(µm): 70± 10	Gloss (60°C) %: ≥90
<u>Bend (mm): ≤6</u>	Impact intensity(kg·cm): 50

:: 1H

ods and conditions

Oilless and rustless cold-rolled steel plate (mm): 0.5

Electrostatic spraying (kv): 50

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