



P2600 (60:40) SATURATED POLYESTER RESIN

PRODUCT

	Properties	Recommended Fo
	P2600 (60:40) is a general type saturated polyester resin,	INGREI
	which is used together with epoxy resin (by 60:40) to produce hybrid polyester powder coatings, giving high gloss	Polyester resin F
	and excellent performance properties.	Epoxy resi
		Paddin
L		Flow agent(P\
	Specifications	Benz
	Appearance: Light yellow & clear flake	Leveling a
	Color (DMF50%): 5-10	
	Acid value (mgKOH/g): 48-55	
	Glass Transition Temperature (°C): ≥55	
	Viscosity (200°C/mPa.s): 2000-3500	
	Technical condition for making coatings	Coating film prope
	Extruder: SLJ-30AF Clamp set temperature(°C): 110-120 Helix pole temperature(°C): 60	<u>Film thickness(µm):</u> <u>Bend (mm): ≤6</u> Pencil hardness: 1H
	Rotational speed(rpm): 60 Powder particle size(µm .max): 100	
	Curing condition: 180°C/10 min (metal temperature)	
	Package and Shelf Life	Spraying methods
	a. Package: net 25kgs in PE bag or multi-ply paper bag;	Oilless and rustless o

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 P2600 (60:40)	360g		
Epoxy resin (E-12)	240g		
Padding	377g		
Flow agent(PV88/GLP588)	10g		
Benzoin	3g		
Leveling agent (701B)	10g		

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

s and conditions

cold-rolled steel plate (mm): 0.5

Electrostatic spraying (kv): 50

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