



P3911(93:7) SATURATED POLYESTER RESIN

PRODUCT

Properties	Recommended Formulation		
P3911(93:7) is a saturated polyester resin, which is used	INGREDIENT	WEIGHT	
together with TGIC (by 93:7) to produce pure polyester powder coatings, giving excellent flexibility and boiling resistance.	Polyester resin P3911(93:7)	600g	
	TGIC	45g	
	TiO2 (R902)	342g	
	/ Flow agent(PV88/GLP588)	10g	
Specifications	Benzoin	3g	
Appearance: Light yellow & clear flake			
Color (DMF50%): 5-10			
Acid value (mgKOH/g): 30-36			
Glass Transition Temperature (°C): ≥65			
Viscosity (200°C/mPa.s): 5600-7500			
Technical condition for making coatings	Coating film properties		
Extruder: SLJ-30AF	Film thickness(µm): 70± 10	<u>Gloss (60°C) %: ≥90</u>	
Clamp set temperature(°C): 110-120 Helix pole temperature(°C): 60	<u>Bend (mm): ≤6</u> Pencil hardness: 1H	Impact intensity(kg·cm): 50	
Rotational speed(rpm): 60			
Powder particle size(µm .max):100	· · · · · · · · · · · · · · · · · · ·		
Curing condition: 200°C/10 min (metal temperature))		
Package and Shelf Life	Spraying methods and conditi	Spraying methods and conditions	
a. Package: net 25kgs in PE bag or multi-ply paper bag;	Oilless and rustless cold-rolled ste	Oilless and rustless cold-rolled steel plate (mm): 0.5	
b. Shelf Life: in a ventilative,dry and clean place under 30°C, its shelf life is one year.	Electrostatic spraying (kv): 50		

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