



P3903(93:7) SATURATED POLYESTER RESIN

Recommended Formulation

PRODUCT

Properties

P3903(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 high gloss, excellent flow effect and	Polyester resin P3903(93:7) 600g	
wonderful mechanical properties. It is suitable for TRIBO gun.	TGIC	45g	
, , , , , , , , , , , , , , , , , , ,	TiO2 (R902)	342g	
)	Flow agent(PV88/GL	P588) 10g	
Specifications	Benzoin	3g	
Appearance: Light yellow & clear flake			
Color (DMF50%): 5-10			
Acid value (mgKOH/g): 30-36			
Glass Transition Temperature (°C): ≥67			
Viscosity (200°C/mPa.s): 4000-5200			
Technical condition for making coatings	Coating film properties		
Extruder: SLJ-30AF	<u>Film thickness(μm): 70± 10</u>	· /	
Clamp set temperature(°C): 110-120 Helix pole temperature(°C): 60	Bend (mm): ≤6 Pencil hardness: 1H	Impact intensity(kg·cm): 50	
Rotational speed(rpm): 60	Pencil hardness: TH		
Powder particle size(µm .max):100			
Curing condition: 200°C/10 min (metal temperature)			
Package and Shelf Life	Spraying methods and co	Spraying methods and conditions	
a. Package: net 25kgs in PE bag or multi-ply paper bag;	Oilless and rustless cold-rol	Oilless and rustless cold-rolled steel plate (mm): 0.5	
b. Shelf Life: in a ventilative, dry and clean place under	Electrostatic spraying (kv): 5	Electrostatic spraying (kv): 50	

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30°C, its shelf life is one year.

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