



P3953 (95:5) SATURATED POLYESTER RESIN

PRODUCT

Properties	Recommende
P3953 (95: 5) is a saturated polyester resin, which is used	ING
together with Primid XL-552/T105 (by 95:5) to produce pure polyester powder coatings,giving excellent flow effect and	Polyester re
degassing properties. It is suitable for TRIBO gun.	Primid
	TiC
	Flow agen
Specifications	E
Appearance: Light yellow & clear flake	
<u>Color (DMF50%): 5-10</u>	
Acid value (mgKOH/g): 30-35	
Glass Transition Temperature (°C): ≥60	
Viscosity (200°C/mPa.s): 2700-3600	
Technical condition for making coatings	Coating film pr
Extruder: SLJ-30AF Clamp set temperature(°C): 120-130 Helix pole temperature(°C): 70 Rotational speed(rpm): 60	<u>Film thickness(µ</u> <u>Bend (mm): ≤6</u> Pencil hardness
Powder particle size(µm .max):100 Curing condition: 180°C/15 min (metal temperature)	
Package and Shelf Life	Spraying metho

a. Package: net 25kgs in PE bag or multi-ply paper bag;

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 P3953 (95: 5)	600g
Primid XL-552/T105	32g
TiO ₂ (R902)	356g
Flow agent(PV88/GLP588)	10g
Benzoin	2g

roperties

Film thickness(µm): 70± 10	
Rond (mm): <6	

Impact intensity(kg·cm): 50

Gloss (60°C) %: ≥90

s: 1H

ods and conditions

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

Electrostatic spraying (kv): 50

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