

## P3907( 93:7 ) SATURATED POLYESTER RESIN

### PRODUCT

#### Properties

P3907(93:7) is a saturated polyester resin, which is used together with TGIC (by 93:7) to produce pure polyester powder coatings, general type, giving good flow effect and wonderful mechanical properties

#### Specifications

Appearance: Light yellow & clear flake

Color (DMF50%): 5-10

Acid value (mgKOH/g): 30-35

Glass Transition Temperature (°C): ≥65

Viscosity (200°C/mPa.s): 4000-5000

#### Technical condition for making coatings

Extruder: SLJ-30AF

Clamp set temperature(°C): 110-120

Helix pole temperature(°C): 60

Rotational speed(rpm): 60

Powder particle size(μm .max): 100

Curing condition: 200°C/10 min (metal temperature)

#### Package and Shelf Life

**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 P3907(93:7)	600g
TGIC	45g
TiO <sub>2</sub> (R902)	342g
Flow agent(PV88/GLP588)	10g
Benzoin	3g

#### Coating film properties

Film thickness(μm): 70± 10      Gloss (60°C) %: ≥90  
 Bend (mm): ≤6      Impact intensity(kg·cm): 50  
 Pencil hardness: 1H

#### Spraying methods and conditions

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

Electrostatic spraying (kv): 50

Huangshan Jiajie New Material Technology Co.,Ltd.

Add: 13 Huangping Road, Huizhou Circular Economy Park, Huizhou District, Huangshan City, Anhui, P.R.China  
 P.C.: 245900

TEL: 0559-3512781 3516308 3517328  
 FAX: 0559-3516078 3516026 3517028

E-mail: hsjjiajie@vip.163.com  
 Web: www.jajieresin.com

Disclaimer: The information given in this sheet is based on our present research and is believed reliable, but it is solely the user's responsibility to confirm by testing for its specific use. JIAJIE MAKES NO REPRESENTATION OR WARRANTY, EXPRESS OR IMPLIED, INCLUDING OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.