

P2765 (70:30) SATURATED POLYESTER RESIN

PRODUCT

Properties

P2765 (70:30) is a saturated polyester resin, which is used together with epoxy resin (by 70:30) to produce hybrid powder coatings, suitable for wrinkle finish powder coatings.

Specifications

Appearance: Light yellow & clear flake

Color (DMF50%): 5-10

Acid value (mgKOH/g): 30-35

Glass Transition Temperature (°C): ≥58

Viscosity (200°C/mPa.s): 4500-6000

Recommended Formulation

INGREDIENT	WEIGHT
Polyester resin P2765 (70:30)	420g
Epoxy resin (E-12)	180g
Padding	377g
Flow agent(PV88/GLP588)	10g
Benzoin	3g
Leveling agent (701B)	10g

Technical condition for making coatings

Extruder: SLJ-30AF

Clamp set temperature(°C): 110-120

Helix pole temperature(°C): 70

Rotational speed(rpm): 60

Powder particle size(μm .max): 100

Curing condition: 180°C/15min (metal temperature)

Coating film properties

Film thickness(μm): 70± 10 Gloss (60°C) %: ≥90

Bend (mm): ≤6 Impact intensity(kg·cm): 50

Pencil hardness: 1H

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.

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: hsjjajie@vip.163.com
Web: www.jiajieresin.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.