



P2601 (60:40) SATURATED POLYESTER RESIN

PRODUCT

| Properties | Recommended |
|---|--|
| P2601 (60:40) is a general type saturated polyester resin, which is used together with epoxy resin (by 60:40) to | INGR |
| produce hybrid polyester powder coatings, giving excellent | Polyester resi |
| flow effect and gloss. | Epoxy re |
| | Pado |
| | Flow agent(I |
| Specifications | Be |
| Appearance: Light yellow & clear flake | Leveling |
| Color (DMF50%): 5-10 | |
| Acid value (mgKOH/g): 48-55 | |
| Glass Transition Temperature (°C): ≥55 | |
| Viscosity (200°C/mPa.s): 2000-3500 | |
| Technical condition for making coatings | Coating film pro |
| Extruder: SLJ-30AF Clamp set temperature(°C): 110-120 Helix pole temperature(°C): 60 Rotational speed(rpm): 60 | <u>Film thickness(µm</u> <u>Bend (mm): ≤6</u> Pencil hardness: 1 |
| Powder particle size(µm .max):100 Curing condition: 180°C/15 min (metal temperature) | |
| Package and Shelf Life | Spraying method |
| a. Package: net 25kgs in PE bag or multi-ply paper bag; | Oilless and rustless |

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 P2601 (60:40) | 360g |
| Epoxy resin (E-12) | 240g |
| Padding | 377g |
| Flow agent(PV88/GLP588) | 10g |
| Benzoin | 3g |
| Leveling agent (701B) | 10g |
| | |

| Coating film | properties |
|--------------|------------|
|--------------|------------|

| Film thickness(µm): 70± 10 | Gloss (60°C) %: ≥90 |
|----------------------------|-----------------------------|
| <u>Bend (mm): ≤6</u> | Impact intensity(kg·cm): 50 |

1H

ds and conditions

ss cold-rolled steel plate (mm): 0.5

Electrostatic spraying (kv): 50

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