

HP3605 – Coil Coating Polyester

General Information:

HP3605 is a specially formulated, oil free polyester resin that combines good film hardness with excellent flexibility. It is dissolved in an aromatic solvent (flash point >150°F)

Product Features:

- Excellent flexibility
- Good film hardness
- Good gloss

Product Specifications:

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|----------------------------------|--------------------------|
| • Solvent | Hisol 15 |
| • Nonvolatile by Mass (% Solids) | 65.00% ± 1.00% |
| • Brookfield Viscosity @25°C | 30 – 60 poise |
| • Gardner Bubble Tube Viscosity | Z1 – Z3 |
| • Colour (G-H) | 4 max |
| • Acid value | 12.0 max |
| • Hydroxyl value (calculated) | approx. 50 (on solids) |
| • Equivalent weight (calculated) | approx. 1122 (on solids) |

Typical Applications:

- Baking enamels, used in combination with other resins (e.g. short oil alkyds, urethane prepolymers, amino resins) to reduce brittleness and provide excellent flexibility.
- Specially formulated to be used as a component of Zero T-bend coil coatings.

Storage: Product has an expected shelf life of 1 year. Exposure to humid conditions or elevated temperatures may affect physical properties of the material over time, shortening shelf life.

SDS: Please refer to the SDS for additional information on safe handling of this material.

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