



POLYMAC[®]



Polynt Composites USA ... Delivering high-quality coating resin technologies & solutions since 1947!

Polymac HS 57-5789 Thermosetting Polyester Resin

Description

Polymac HS 57-5789 is a high solids polyester resin that is HAPs-free. Coatings based on this resin exhibit outstanding overall performance coupled with excellent gloss retention under accelerated weathering conditions. Enamels formulated with Polymac HS 57-5789 are suitable for interior and exterior applications. Manufactured in North America. All components of this product are listed on the DSL.

Features

- HAPs-free
- Designed for polyester melamine baking enamels

Performance Benefits

- Superior flexibility
- Excellent corrosion resistance
- Excellent adhesion to metal substrates
- Excellent adhesion to plastics and sheet molding compound
- Can be formulated to 2.8 lbs/gal (340 g/L) VOC

Typical Physical Properties

% Nonvolatile weight	83.0
% Nonvolatile volume*	82.3
Specific gravity	1.12
Density (lbs/gal)	9.30
Viscosity (Gardner-Holdt)	Z ₃ -Z ₅
Reduced viscosity @ 60% in xylene (Gardner-Holdt)	A-C
Color maximum (Gardner)	3
Acid number maximum (solids)	10
Hydroxyl number* (solids)	153
Equivalent weight* (solids)	370
Flash point* (°F)	170

Other Properties

Appearance	Clear, straw colored
Solvent type	EEP

*Theoretical values are listed. Actual values may vary depending on test method and coating composition.

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Warranty Disclaimer

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