



TECHNICAL DATA SHEET

PRELIMINARY

Setal 26-1089

High solids zero HAPs polyester resin

General description:

Setal 26-1089 is a saturated polyester resin intended for use in general and high-end industrial metal finishing. This resin offers excellent cure qualities of hardness, toughness, chemical resistance, gloss retention, chalking resistance, and durability. Setal 26-1089 has good compatibility with aliphatic solvents and limited compatibility with aromatic solvents.

Technical features:

1. High solids. HAPs free.
2. High crosslink density and excellent hardness/ low temperature cure with proper isocyanate choices.
3. Excellent compatibility with acrylic resins
4. Good solvent and chemical resistance.

Suggested uses:

1. VOC compliant finishes for aerospace, transportation and industrial metal topcoats
2. High solids metal coatings with low temperature cure threshold

Delivery form: 75% non-volatile in n-butyl acetate

Typical properties:

| Property | Value | Units | Method * |
|-------------------------|--|---------------|----------|
| Non-volatile, by weight | 75.0 ± 1.0 | % | 1 – 1 |
| Viscosity (77°F) | Z3 – Z5 | Gardner-Holdt | 2 – 1 |
| Acid value, on n.v. | 14 – 20 | mg KOH/gm | 5 – 1 |
| Color | 100 maximum | APHA | 3 – 3 |
| Appearance | Clean, clear to hazy upon aging; Heat & agitate to clear. | | 7 – 1 |

* SDM: Nuplex Resins methods of determination (available on request)

Density: 9.30 ± 0.10 lbs./gal. HEW on solids: 212
Reduced viscosity: T – W @ 65% in n-butyl acetate
Flash point: 81°F Setaflash
Non-volatile, by vol.: 68.4% *On DSL Inventory*

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