

Technical Data Sheet

Eastek™ 1000 Polymer Dispersion

Applications

- Graphic arts
- Paints & coatings
- Wood coatings

Product Description

Eastek™ 1000 polymer dispersion is a film forming polyester polymer supplied as an aqueous dispersion containing 30% polymer solids. Eastek™ 1000 provides excellent alcohol resistance, fast drying rates, low odor, low foaming, good adhesion to aluminum, and neutral pH. Eastek™ 1000 polymer dispersion is amine, surfactant and co-solvent free.

Typical Properties

Property	Typical Value, Units
General	
Chemical Type	Polyester
Form	Straw-colored liquid
Odor	Very low
VOC Content ^a	<0.5 % max
Viscosity, Brookfield @ 25°C	60 cP
Viscosity, Gardco #2 EZ Cup @ 25°C	25 sec
pH	6
Density @ 25°C	1.06 g/mL (8.8 lb/gal)
Solids	30 wt %
MFFT ^b	<5 °C
Storage Stability ^c	Good
Propanol, %	0
Glass Transition Temperature (T _g)	33 °C

^aDetermined via EPA Method 24.

^bMinimum Film Forming Temperature; Sheen MFFT Bar., Model SS-3000.

^cAt room temperature. It is recommended that the dispersion not be allowed to freeze, or to be stored for prolonged periods of time above 35°C.

Comments

Properties reported here are typical of average lots. Eastman makes no representation that the material in any particular shipment will conform exactly to the values given.

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