

# Technical Data Sheet

## Eastek™ 1400 Polymer Dispersion

### Applications

- Apparel
- Film modification
- Furniture
- Graphic arts
- Packaging components non food contact
- Paints & coatings
- Tape non food contact

### Product Description

Eastek™ 1400 polymer dispersion is a 100% sulfopolyester. Aqueous dispersions of this polymer are characterized by low odor, good storage stability, and reducibility with water or water/alcohol mixtures. This product offers excellent resistance properties and fast drying rates. Eastek™ 1400 polymer dispersion has outstanding adhesion to a variety of substrates, including PET film (treated or untreated), paper, SBS board, aluminum foil, and metallized papers/films. Eastek™ 1400 polymer dispersion is amine, surfactant and co-solvent free.

### Typical Properties

Property <sup>a</sup>	Typical Value, Units <sup>b</sup>
<b>General</b>	
Type	Polyester
Form	Straw-colored liquid
Odor	Very low
VOC Content	<0.5 % max
Viscosity, Brookfield <sup>c</sup>	
@ 18°C	15 cP
Viscosity	
@ 25°C, Gardco #2 EZ Cup	17 sec
pH	6
Density	
@ 20°C	1.08 g/mL (9 lb/gal)
Glass Transition Temperature (T <sub>g</sub> )	29 °C
MFFT <sup>d</sup>	<5 °C
Storage Stability <sup>e</sup>	Good
Propanol, %	0
Solids	30 wt %

<sup>a</sup>Unless noted otherwise, all tests are run at 23°C (73°F) and 50% relative humidity.

<sup>b</sup>Units are in SI or US customary units.

<sup>c</sup>Model DV II, using Spindle 2 @ 60 rpm.

<sup>d</sup>Minimum film forming temperature, Sheen MFFT Bar, Model SS-3000

<sup>e</sup>At room temperature. The dispersion should not be allowed to freeze and should not be stored for prolonged periods at a temperature 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.

---

*Eastman and its marketing affiliates shall not be responsible for the use of this information, or of any product, method, or apparatus mentioned, and you must make your own determination of its suitability and completeness for your own use, for the protection of the environment, and for the health and safety of your employees and purchasers of your products. No warranty is made of the merchantability of fitness of any product, and nothing herein waives any of the Seller's conditions of sale.*

2/28/2018 11:35:39 AM

© 2019 Eastman Chemical Company or its subsidiaries. All rights reserved. As used herein, ® denotes registered trademark status in the U.S. only.