

Technical Data Sheet

Eastman Solus™ 3050 Performance Additive

Applications

- Aerosol coatings
- Auto OEM
- Auto refinish
- Automotive
- Automotive parts & accessories
- Consumer electronics
- General industrial coatings
- Leather coatings
- Metal coatings
- Paints & coatings
- Protective coatings
- Wood coatings

Key Attributes

- Improves flow and leveling
- Improves pigment wetting and color uniformity
- Improves surface wetting and reduces cratering
- Provides superior aluminum flake control in metallic paints
- Reduces color drift caused by inconsistent environmental conditions and application parameter settings
- Reduces dry-to-touch time

Product Description

Eastman Solus™ 3050 performance additive is a dry, white granular powder. Solus 3050 can be dissolved in selected solvents or appropriate blends of solvents, water, and neutralizing agents. Solus 3050 provides many of the unique contributions of solventborne cellulosic additives in waterborne coating formulations.

Solus 3050 performance additive is based on cellulose, one of the most abundant natural renewable resources, from trees harvested from sustainably managed forests.

Typical Properties

Property	Typical Value, Units
General	
Hydroxyl Content	2.8 %
Glass Transition Temperature (T _g)	130 °C
Acid Number	50
Polymer Density (lbs/gal)	10.7 lb/gal (1.25 kg/L)
Solution Viscosity	100 cP
Viscosity ^a	1.02 poise 0.3 s
Acetyl Content	1.9 wt %
Butyryl Content	46.7 wt %

^aViscosity determined by ASTM Method D 1343. Results converted to poises (ASTM Method D 1343) using the solution density for Formula A as stated in ASTM Method D 817 (20% Cellulose ester, 72% acetone, 8% ethyl alcohol).

Comments

The viscosity is tested on a 10% solution of 3050 in a blend of 57% 2-butoxyethanol (EB), 29% isopropyl alcohol, and 14% water.

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.

1/13/2020 4:49:01 PM

© 2020 Eastman Chemical Company or its subsidiaries. All rights reserved. As used herein, ® denotes registered trademark status in the U.S. only.