

# 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
<b>General</b>	
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 <sup>a</sup>	1.02 poise 0.3 s
Acetyl Content	1.9 wt %
Butyryl Content	46.7 wt %

<sup>a</sup>Viscosity 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.

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