EASTMAN

Technical Data Sheet

Eastman Solus™ 2100 Performance Additive

Applications

- Aerospace coatings
- Auto oem
- Auto plastics
- Auto refinish
- Automotive
- Commerical printing inks
- Consumer electronics
- Flexographic printing inks
- Fugitive binder
- General industrial coatings
- Graphic arts
- Gravure printing inks
- Industrial maintenance
- Inkjet printing inks
- Leather coatings
- Metal coatings
- Non-medical housings & hardware for elec
- Overprint varnishes
- Paints & coatings
- Protective coatings
- Screen printing inks
- Solar panels
- Uv printing inks
- Wood coatings

Key Attributes

- Ease of sanding
- Excellent anti-sag behavior
- Faster dry to touch time
- Improved gloss
- Wider window of polishability

Product Description

Eastman Solus™ 2100 performance additive is designed as a rheology control additive for high solids 2K coatings. It provides improved flow and leveling, faster dry to touch time, and improved polishing. It is soluble in a wide range of solvents and compatible in most high solids coatings systems. When Solus 2100 is dissolved in appropriate solvents a clear, colorless solution is produced. It is a dry, free-flowing powder that is convenient to handle.

Eastman Solus 2100 performance additive is based on cellulose, one of the most abundant natural renewable resources, from trees harvested from sustainably managed forests. The calculated approximate bio-content value of 36% for Solus 2100 was determined by using six bio-based carbon atoms per anhyroglucose unit divided by the total number of carbons per anhyroglucose unit. Although the value reported is not specifically measured for bio-carbon, it can be estimated based on typical partition data.

For applications that require food contact compliance, please refer to Eastman Solus 2100, Food Contact performance additive.

Typical Properties

Property	Typical Value, Units
General	
Intrinsic Viscosity	0.08
Acetyl Content	2 wt %
Butyryl Content	53 wt %
Hydroxyl Content	1.6 %

Moisture Content	3.0 max %
Tg[a]	75 °C
Specific Gravity	1.20
Bulk factor, poured lb/ft3	31-39 0.49-0.62 kg/L
Polymer Density (lbs/gal)	9.89 1.2 kg/L

[a]*Glass Transition Temperature*

Packaging
20 Kg drums lined with polyethylene bag

Storage
Keep container closed

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.

10/28/2019 7:02:51 AM