

Technical Data Sheet

Chemical Synonym

Cellulose Triacetate

Applications

- Membrane filtration - non food contact
- Natural gas purification

Product Description

Eastman membrane material M300 is a high-viscosity, high molecular weight cellulose triacetate. It is supplied as dry pellets. Its high purity permits manufacturing of membranes with improved quality control, especially for osmotic and gas filtration applications.

For applications that require food contact compliance, please refer to Eastman Membrane Material M300, Food Contact.

Typical Properties

Property	Typical Value, Units
General	
Specific Gravity	1.34 g/cm ³
Moisture Content	1.5 % max
Hydroxyl Content	0.8 wt %
Acetyl Content	43.6 wt %
Molecular Weight (Average) ^a	83,000
Tg ^b	172 °C

^aNumber-average molecular weight value, MW_n, are polystyrene-equivalent weights determined using size exclusion chromatography.

^bTg = Glass Transition Temperature (Tg DSC)

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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