



Product Data Sheet

Eastman Cellulose Acetate (CA-398-10)

Application/Uses

- Coatings for glass
- Coatings for paper/paperboard
- Coatings
- Consumer electronics
- Electrical
- Pressure sensitive tape
- Wood sealers

Product Description

Eastman CA-398-10 is a low viscosity solution grade of cellulose acetate.

Typical Properties

Property	Typical Value, Units
Acetyl Content	39.8 wt %
Combined Acetic Acid Content	55.5%
Hydroxyl Content	3.5 wt %
Viscosity ^a	38 poise
Color ^b	80 ppm
Haze ^b	25 ppm
Ash Content	<0.05%
Acidity as Acetic Acid	0.1 wt % max.
Refractive Index	1.475
Melting Point	230-250°C
Specific Gravity	1.31
Wt/Vol	1.31 kg/L (10.9 lb/gal)
Bulk Density	
Tapped	400 kg/m ³ (25 lb/ft ³)
Poured	320 kg/m ³ (20 lb/ft ³)
Dielectric Strength	669 kv/cm (1.7 kv/mil)
Glass Transition Temperature (T _g)	185°C
Tukon Hardness	26 Knoop

^a 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).

^b Determination of color and haze made on CAB solution using Pt-Co standard (color) and a monodisperse latex suspension (haze). Analysis is performed with a Gardner Model XL-835 Colorimeter.

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.

22-Aug-2006 2:38:09 PM