



Product Data Sheet

Eastman Cellulose Acetate Butyrate (CAB-321-0.1)

Application/Uses

- Automotive OEM
- Coatings for Automotive Plastics
- Coatings for plastic
- Coatings
- Lacquers for automotive
- Truck/Bus/Commercial Vehicles

Product Description

Eastman Cellulose Acetate Ester (CAB 321-0.1) is a cellulose ester with a low butyryl content (32.5%) and low molecular weight. It has a viscosity of 0.10 sec and 0.38 poise. It is supplied as a fine white powder.

Typical Properties

Property	Typical Value, Units
Viscosity ^a	0.38 poise
Butyryl Content	32.5 wt %
Hydroxyl Content	1.3%
Melting Point	165-175°C
Glass Transition Temperature (T _g)	127°C
Tukon Hardness ^b	21 Knoop
Wt/Vol	1.2 kg/L (10 lb/gal)
Molecular Weight ^c M _n	12000
Acetyl Content	17.5 wt %

^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 ASTM D 1474

^c Number-average molecular weight values, MW_n, are polystyrene-equivalent molecular weights determined using size exclusion chromatography.

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 2:34:46 PM