EASTMAN

Product Data Sheet

Eastman Cellulose Acetate Butyrate (CAB-381-0.5)

Application/Uses

- Automotive OEM
- Coatings for Automotive Plastics
- Coatings for plastic
- Coatings
- Lacquers for automotive
- Lacquers
- Nail care
- Printing Inks
- Truck/Bus/Commercial Vehicles

Product Description

Eastman Cellulose Acetate Butyrate (CAB 381-0.5) is a cellulose ester with medium butyryl content and low viscosity. It was designed for use where low-application viscosities at relatively high solids levels is needed. It is soluble in a wide range of solvents and compatible with many other resins. It will also tolerate the use of solvent blends currently exempt from certain air pollution regulations. It is supplied as a dry, free-flowing powder.

Typical Properties

Butyryl Content	37 wt %
Acetyl Content	13 wt %
Hydroxyl Content	1.5%
Viscosity [a]	1.9 poise
Color [b]	150 ppm
Haze [b]	35 ppm
Acidity as Acetic Acid	0.03 wt %
Ash Content	<0.05%
Refractive Index	1.48
Heat Test @ 160°C for 8 hr	Tan melt
Melting Point	155-165°C
Specific Gravity	1.2
Wt/Vol (Cast Film)	1.2 kg/L (10.0 lb/gal)
Bulk Density	
Poured	352 kg/m^3 (22 lb/ft^3)
Tapped	465 kg/m^3 (39 lb/ft^3)
Dielectric Strength	787-984 kv/cm (2-2.5 kv/mil)
Glass Transition Temperature (T_g)	130°C
Molecular Weight [c] M_n	30000
Tukon Hardness	18 Knoops

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.