

Product Data Sheet

Eastman™ Cellulose Acetate Butyrate (CAB-551-0.01)

Application/Uses

- Amino and isocyanate crosslinked coatings
- Automotive OEM
- Coatings
- Coatings for automotive
- Coatings for Automotive Plastics
- Coatings for plastic
- Nail care
- Truck/Bus/Commercial Vehicles

Product Description

Remarkable polymers with a renewable backbone provided by nature itself.

Eastman™ Cellulose Acetate Butyrate (CAB-551-0.01) is a cellulose ester with high butyryl content and low ASTM(A) viscosity, which significantly affects its solubility and compatibility. Eastman™ CAB-551-0.01 is soluble in styrene and methyl methacrylate monomers and will tolerate more aliphatic and aromatic hydrocarbon diluent than higher viscosity materials. The solubility of CAB-551-0.01 in alcohol/aromatic hydrocarbon mixtures offers an economic advantage and permits the choice of a wide range of solvents and solvent combinations. It also offers improved compatibility with various coating resins. Eastman™ CAB-551-0.01 is a dry, white free-flowing powder convenient to handle. Eastman™ cellulose esters are based on up to sixty percent cellulose, one of the most abundant natural renewable resources.

Typical Properties

Property	Typical Value, Units
Butyryl Content	53 wt %
Acetyl Content	2 wt %
Hydroxyl Content	1.5%
Viscosity ^a	0.038 poise
Color	100 ppm
Haze	25 ppm
Acidity as Acetic Acid	0.02 wt %
Melting Point	127-142°C
Glass Transition Temperature (T _g)	85°C
Char Point	260°C
Wt/Vol (Cast Film)	1.16 kg/L (9.67 lb/gal)

Molecular Weight ^b M _n	16000
Tukon Hardness	15 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 Polystyrene equivalent number average molecular weight determined by gel permeation 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.

有关技术和销售资料请向下列地址联系索取：

公司名：东莞市仁捷塑胶原料有限公司

网 址：<http://www.rjplastics.com>

联系人： 唐先生 13509239386 QQ: 13931677

电 话：0769-33268819

传 真：0769-86999593

邮 箱：tjh@rjplastics.com

www.rjplastics.com
东莞市仁捷塑胶原料有限公司
财富热线：13509239386