



# Product Data Sheet

## *Eastman Cellulose Acetate Butyrate (CAB-553-0.4)*

### Application/Uses

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

### Product Description

Remarkable polymers with a renewable backbone provided by nature itself.

*Eastman Cellulose Acetate Butyrate (CAB-553-0.4)* is soluble in low molecular weight alcohols (methanol, ethanol, isopropanol, and n-propanol) as well as other common organic solvents. It has a high hydroxyl content (4.8 wt. %, average), which contributes to its alcohol solubility. The hydroxyl group is reactive and may be crosslinked with ureaformaldehydes, melamines, and polyisocyanates. Films of CAB-553-0.4 are colorless and have good ultraviolet stability, maintaining their low color over long periods of time. *Eastman Cellulose Acetate Butyrate (CAB-553-0.4)* is supplied as a dry, free-flowing powder, offering formulation convenience, ease of handling and maximum formulating flexibility. *Eastman* cellulose esters are based on up to sixty percent cellulose, one of the most abundant natural renewable resources.

### Typical Properties

Viscosity <sup>a</sup>	1.14 poise
Hydroxyl Content	4.8%
Melting Point	150-160°C
Glass Transition Temperature (T <sub>g</sub> ) Glass	136°C
Transition Temperature (T <sub>g</sub> )	
Tukon Hardness	18 Knoop
Wt/Vol	1.20 kg/L (10.00 lb/gal)

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Acetyl Content	2.0 wt %
Butyryl Content	46 wt %

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**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.