



Cellulose acetate butyrate (CAB)

Cellulose acetate butyrate (CAB) is a thermoplastic cellulose ester with 30 to 55 wt% butyryl content. It is the most commercially important mixed cellulose ester and has many attractive properties such as low viscosity, high transparency and surface gloss, improved resistance to moisture and ultraviolet light (UV), and good inter-coat adhesion. CABs are compatible with many resin systems, including most acrylics, polyesters, phenolics, ureas and isocyanates.

For further information, please visit
www.fenchem.com or contact
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■ Properties

CAB is often used in coating formulations where low application viscosities at relatively high solid content are required. When added to coating formulations, it improves many coating properties like hardness, leveling, solvent resistance, clarity and gloss while it reduces dry-to-touch time, cratering, orange-peel and blocking.

■ Specification

ITEMS	551-0.01	551-0.2	381-0.1	381-0.5	381-2	381-20
Butyryl Content	45.00%~58.00%	45.00%~58.00%	35.50%~41.50%	35.50%~41.50%	35.00%~41.00%	36.00%~40.00%
Acetyl Content	0.10%~4.00%	0.10%~5.00%	10.00%~18.00%	10.00%~15.00%	10.00%~16.00%	11.00%~15.00%
Ahydroxyl Content	0.00~4.00%	0.00~4.00%	0.000~3.000%	0.00~3.00%	0.00~3.00%	0.00~3.00%
Viscosity	0.01~0.15	0.22~0.60	0.05~0.30	0.50~0.90	0.95~1.35	1.37~1.80
Color	≤100 unit	≤100 unit	≤100 unit	≤ 100 unit	≤100 unit	≤ 100 unit
Haze	≤50 NTU	≤100NTU	≤50 NTU	≤100NTU	≤100NTU	≤ 100NTU
Acidity as Acetic Acid	0.00~300	0.00~300	0.00~300	0.00~300	0.00~300	0.00~300
Ash Content	≤1.5%	≤3.00%	≤1.5%	≤ 3.00%	≤3.00%	≤ 3.00%

■ Application

- Automotive OEM
- Gravure and flexographic printing inks, graphic arts, ink jet printing inks
- Coatings for cloth, leather, plastic, wood, metal.
- Heat seal adhesive
- Nail lacquer topcoats
- Truck/Bus/Commercial Vehicles
- General industrial coatings

■ About Fenchem

Headquartered in Nanjing, China, with sales, service and warehousing around the globe, we have established our brand as one of quality, consistency and reliability. For more than two decades we have dedicated ourselves to state-of-the-art materials selections, manufacturing, logistics and service. Our international team has the knowledge and the commitment to support your company and customers. Let Fenchem be your trusted partner in supplying the highest quality, on time and at a great price.



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