

Albis Plastics Cellulose Acetate Butyrate B900 (Base Grade), 5% Plasticizer (discontinued **)

Category : Polymer , Renewable/Recycled Polymer , Thermoplastic , Cellulosic , Cellulose Acetate Butyrate, Molded

Material Notes:

Amorphous Cellulose Acetate Butyrate (CAB) Characteristics: Dimensional Stability, Weatherability and Low Temp Impact

Strength Applications: Pens, Ski Goggles, Auto Trim, Skylights, Tool Handles and Toys Processing: Injection Molding (Melt Temperature:

470°F, Mold Temperature: 160°F) Data supplied by Albis Plastics Corporation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Albis-Plastics-Cellulose-Acetate-Butyrate-B900-Base-Grade-5-Plasticizer-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	1.20 g/cc	0.0434 lb/in ³	ASTM D792
Water Absorption	1.6 %	1.6 %	(24 hr); ASTM D570
Linear Mold Shrinkage	0.0020 - 0.0060 cm/cm	0.0020 - 0.0060 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	44.1 MPa	6400 psi	ASTM D638
Tensile Strength, Yield	36.5 MPa	5290 psi	ASTM D638
Flexural Yield Strength	45.5 MPa	6600 psi	ASTM D790
Flexural Modulus	1.38 GPa	200 ksi	ASTM D790
Izod Impact, Notched	1.49 J/cm	2.79 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	83.0 °C	181 °F	ASTM D648
Vicat Softening Point	115 °C	239 °F	ASTM D1525
Flammability, UL94	HB	HB	0.125 in

Processing Properties	Metric	English	Comments
Melt Temperature	243 °C	469 °F	Injection
Mold Temperature	71.0 °C	160 °F	

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