

Albis Plastics Cellulose Acetate Butyrate B900 (Base Grade), 16% 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: 415°F, Mold Temperature: 110°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-16-Plasticizer-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	1.17 g/cc	0.0423 lb/in ³	ASTM D792
Water Absorption	1.3 %	1.3 %	(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	28.3 MPa	4100 psi	ASTM D638
Tensile Strength, Yield	20.7 MPa	3000 psi	ASTM D638
Flexural Yield Strength	26.9 MPa	3900 psi	ASTM D790
Flexural Modulus	1.03 GPa	149 ksi	ASTM D790
Izod Impact, Notched	4.27 J/cm	8.00 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	64.0 °C	147 °F	ASTM D648
Vicat Softening Point	96.0 °C	205 °F	ASTM D1525

Processing Properties	Metric	English	Comments
Melt Temperature	213 °C	415 °F	Injection
Mold Temperature	43.0 °C	109 °F	

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