

Albis Plastics Cellulose Acetate CA700 , Unreinforced, 27% Plasticizer (discontinued **)

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

Material Notes:

Amorphous Cellulose Acetate (CA) Characteristics: Chemical Resistance, Toughness, Strength, Hardness, Gloss, Clarity and

"Feel" Applications: Tool Handles, Optical Products, Toys and Sheet Products 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-CA700-Unreinforced-27-Plasticizer-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	1.28 g/cc	0.0462 lb/in ³	ASTM D792
Water Absorption	2.3 %	2.3 %	(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	36.5 MPa	5290 psi	ASTM D638
Tensile Strength, Yield	33.1 MPa	4800 psi	ASTM D638
Elongation at Break	25 %	25 %	ASTM D638
Flexural Yield Strength	54.5 MPa	7900 psi	ASTM D790
Flexural Modulus	2.14 GPa	310 ksi	ASTM D790
Izod Impact, Notched	1.87 J/cm	3.50 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	73.0 °C	163 °F	ASTM D648
Vicat Softening Point	109 °C	228 °F	ASTM D1525

Processing Properties	Metric	English	Comments
Melt Temperature	238 °C	460 °F	Injection Molding
Mold Temperature	66.0 °C	151 °F	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China