

Albis Plastics Cellulose Acetate Butyrate B9004 (Odor Mask Added), 7% 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: 460°F, Mold Temperature: 150°F) Data supplied by Albis Plastics Corporation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Albis-Plastics-Cellulose-Acetate-Butyrate-B9004-Odor-Mask-Added-7-Plasticizer-nbspdiscontinued-.php

| Physical Properties | Metric | English | Comments |
|-----------------------|-----------------------|---------------------------|--------------------|
| Density | 1.20 g/cc | 0.0434 lb/in ³ | ASTM D792 |
| Water Absorption | 1.5 % | 1.5 % | (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 | 40.0 MPa | 5800 psi | ASTM D638 |
| Tensile Strength, Yield | 34.5 MPa | 5000 psi | ASTM D638 |
| Flexural Yield Strength | 41.4 MPa | 6000 psi | ASTM D790 |
| Flexural Modulus | 1.31 GPa | 190 ksi | ASTM D790 |
| Izod Impact, Notched | 1.98 J/cm | 3.71 ft-lb/in | ASTM D256 |

| Thermal Properties | Metric | English | Comments |
|---|---------|---------|------------|
| Deflection Temperature at 1.8 MPa (264 psi) | 80.0 °C | 176 °F | ASTM D648 |
| Vicat Softening Point | 111 °C | 232 °F | ASTM D1525 |

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

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