

Albis Plastics ASA 02A MR20 , 20% Mineral Filled (discontinued **)

Category : Polymer , Thermoplastic , ASA Polymer

Material Notes:

Acrylonitrile/Styrene/Acrylate Characteristics: Excellent UV, Good Rigidity, Good Dimensional Stability Applications: Sunglasses, Boat Shells, Roofs for Campers & RVs Processing: Injection Molding (Melt Temperature: 465-535°F, Mold Temperature: 105-175°F) Data supplied by Albis Plastics Corporation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Albis-Plastics-ASA-02A-MR20-20-Mineral-Filled-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	1.29 g/cc	0.0466 lb/in ³	ASTM D792
Melt Flow	13.9 g/10 min	13.9 g/10 min	220C/10,000 g; ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	40.0 MPa	5800 psi	ASTM D638
Tensile Strength, Yield	37.2 MPa	5400 psi	ASTM D638
Flexural Yield Strength	77.2 MPa	11200 psi	ASTM D790
Flexural Modulus	4.80 GPa	696 ksi	ASTM D790

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	84.0 °C	183 °F	ASTM D648
Vicat Softening Point	101 °C	214 °F	ASTM D1525

Processing Properties	Metric	English	Comments
Melt Temperature	241 - 279 °C	466 - 534 °F	Injection
Mold Temperature	41.0 - 79.0 °C	106 - 174 °F	

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