

Albis Plastics Polyamide 6/66 PA 152 GF30/02 BK8-1114 Black 30% Glass Fiber (discontinued **)

Category : Polymer , Thermoplastic , Nylon , Nylon 6/66 , Nylon 66/6 , 30% Glass Fiber Reinforced

Material Notes:

Semi-crystalline Nylon 6/66 (PA6/66) Characteristics: Industrial Grade Applications: Office Furniture, Gear, Housings and Connectors Processing: Injection Molding (Melt Temperature: 465 -555°F, Mold Temperature: 175-230°F) Data supplied by Albis Plastics Corporation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Albis-Plastics-Polyamide-666-PA-152-GF3002-BK8-1114-Black-30-Glass-Fiber-nbspdiscontinued.php

Physical Properties	Metric	English	Comments
Density	1.36 g/cc	0.0491 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.0020 - 0.0040 cm/cm	0.0020 - 0.0040 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	141.3 MPa	20490 psi	ASTM D638
Elongation at Break	2.67 %	2.67 %	ASTM D638
Flexural Yield Strength	211.2 MPa	30630 psi	ASTM D790
Flexural Modulus	8.10 GPa	1170 ksi	ASTM D790
Izod Impact, Notched	0.720 J/cm	1.35 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	249 °C	480 °F	ASTM D648
Flammability, UL94	HB	HB	0.125 in; Albis Internal Test

Processing Properties	Metric	English	Comments
Melt Temperature	241 - 291 °C	466 - 556 °F	Injection
Mold Temperature	79.0 - 110 °C	174 - 230 °F	

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