

Oxford Polymers 20GF 20% Glass Fiber Reinforced ABS, Flame Retardant

Category : Polymer , Thermoplastic , ABS Polymer , Acrylonitrile Butadiene Styrene (ABS), 20% Glass Fiber Filled

Material Notes:

20% Glass Fiber Reinforced ABS, Flame Retardant Information provided by Oxford Polymers.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Oxford-Polymers-20GF-20-Glass-Fiber-Reinforced-ABS-Flame-Retardant.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.18 g/cc	1.18 g/cc	ASTM D792
Filler Content	20 %	20 %	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	58.6 MPa	8500 psi	ASTM D638
Elongation at Break	4.0 %	4.0 %	ASTM D638
Flexural Strength	96.5 MPa	14000 psi	ASTM D790
Flexural Modulus	4.48 GPa	650 ksi	ASTM D790
Izod Impact, Notched	0.854 J/cm @Temperature 23.0 °C	1.60 ft-lb/in @Temperature 73.4 °F	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	87.8 °C	190 °F	ASTM D648

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