

Oxford Polymers H-Acetal 20PTFE 20% PTFE Reinforced Homopolymer Acetal (discontinued **)

Category : Polymer , Thermoplastic , Acetal (POM) , Acetal Homopolymer, PTFE-Filled

Material Notes:

20% PTFE Reinforced Homopolymer Acetal Information provided by Oxford Polymers.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Oxford-Polymers-H-Acetal-20PTFE-20-PTFE-Reinforced-Homopolymer-Acetal-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.50 g/cc	1.50 g/cc	ASTM D792
Filler Content	20 %	20 %	
Water Absorption	0.15 %	0.15 %	ASTM D570
Linear Mold Shrinkage	0.022 cm/cm	0.022 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	41.4 MPa	6000 psi	ASTM D638
Elongation at Break	13 %	13 %	ASTM D638
Flexural Strength	62.1 MPa	9000 psi	ASTM D790
Flexural Modulus	2.07 GPa	300 ksi	ASTM D790
Izod Impact, Notched	1.07 J/cm @Temperature 23.0 °C	2.00 ft-lb/in @Temperature 73.4 °F	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	98.9 °C	210 °F	ASTM D648

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