

Isoflon PTFE + 3% MoS2 Polytetrafluoroethylene with 3% Molybdenum disulfide

Category : Polymer , Thermoplastic , Fluoropolymer , PTFE

Material Notes:

Properties: Low coefficient of friction (static) Good thermal conductivity Improved wear resistance Often combined with glass and bronze Applications: Specially used for non-lubricated seals with periodic dynamic motion. Information provided by Isoflon.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Isoflon-PTFE-3-MoS2-Polytetrafluoroethylene-with-3-Molybdenum-disulfide.php

Physical Properties	Metric	English	Comments
Specific Gravity	2.17 - 2.24 g/cc	2.17 - 2.24 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	55 - 60	55 - 60	ASTM D2240
Tensile Strength	25.0 - 33.0 MPa	3630 - 4790 psi	ASTM D4894
Elongation at Break	250 - 300 %	250 - 300 %	ASTM D4894

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	260 Â°C	500 Â°F	
Minimum Service Temperature, Air	-200 Â°C	-328 Â°F	

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