

Isoflon PTFE +28% GL Blue-E glass-1% Blue Polytetrafluoroethylene with 28% GL-Blue-E glass-1% Blue (equivalent VX1)

Category : Polymer , Thermoplastic , Fluoropolymer , PTFE , Polytetrafluoroethylene (PTFE), Glass Filled, Molded

Material Notes:

Properties:Improved compression and wear resistanceExcellent chemical stabilityBetter thermal conductivityInformation provided by Isoflon.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Isoflon-PTFE-28-GL-Blue-E-glass-1-Blue-Polytetrafluoroethylene-with-28-GL-Blue-E-glass-1-Blue-equivalent-VX1.php

Physical Properties	Metric	English	Comments
Specific Gravity	2.22 - 2.26 g/cc	2.22 - 2.26 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	60 - 65	60 - 65	ASTM D2240
Tensile Strength	13.0 - 18.0 MPa	1890 - 2610 psi	ASTM D4894
Elongation at Break	180 - 220 %	180 - 220 %	ASTM D4894

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

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