

PolyOne Lubri-Tech™ SF-25GF/13T-2S Polyphenylene Sulfide (PPS), Glass Filled, PTFE/Silicone Lubricated (disco)

Category : Polymer , Thermoplastic , Polyphenylene Sulfide (PPS)

Material Notes:

Description/Features: Glass Fiber Reinforced PTFE/Silicone Lubricated PolyOne First Choice Information provided by PolyOne Corporation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_PolyOne-Lubri-Tech-SF-25GF13T-2S-Polyphenylene-Sulfide-PPS-Glass-Filled-PTFESilicone-Lubricated-nbspdisco.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.61 g/cc	1.61 g/cc	ASTM D792
Linear Mold Shrinkage	0.0025 - 0.0030 cm/cm	0.0025 - 0.0030 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	124 MPa	18000 psi	Type 1 - Rigids, 0.2 in/min; ASTM D638
Elongation at Break	3.0 %	3.0 %	Type 1 - Rigids, 0.2 in/min; ASTM D638
Tensile Modulus	8.27 GPa	1200 ksi	Type 1 - Rigids, 0.2 in/min; ASTM D638
Flexural Strength	179 MPa	26000 psi	ASTM D790
Flexural Modulus	8.27 GPa	1200 ksi	ASTM D790
Izod Impact, Notched	0.854 J/cm @Thickness 6.35 mm, Temperature 23.0 °C	1.60 ft-lb/in @Thickness 0.250 in, Temperature 73.4 °F	Method A, Injection Molded; ASTM D256

Processing Properties	Metric	English	Comments
Melt Temperature	299 - 332 °C	570 - 630 °F	Molding
Mold Temperature	135 - 149 °C	275 - 300 °F	
Drying Temperature	135 - 149 °C	275 - 300 °F	
Dry Time	2 hour	2 hour	

Descriptive Properties	Value	Comments
Product Form	Pellets	

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