

Techmer ES Plaslube® AC-81/TF/15 NAT Acetal (POM) Homopolymer

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

Material Notes:

Order this product through the following link:

http://www.lookpolymers.com/polymer_Techmer-ES-Plaslube-AC-81TF15-NAT-Acetal-POM-Homopolymer.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.50 g/cc	1.50 g/cc	ASTM D792
Water Absorption	0.23 %	0.23 %	24 Hrs; ASTM D570
Linear Mold Shrinkage	0.020 - 0.024 cm/cm	0.020 - 0.024 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	55.2 MPa	8000 psi	ASTM D638
Elongation at Break	7.5 %	7.5 %	ASTM D638
Flexural Strength	82.7 MPa	12000 psi	ASTM D790
Flexural Modulus	2.48 GPa	360 ksi	ASTM D790
Izod Impact, Notched	0.534 J/cm	1.00 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	104 Â°C	220 Â°F	ASTM D648

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