

Aclo Accucomp Polyacetal (POM) ACE092L Medium Viscosity

Category : Polymer , Thermoplastic , Acetal (POM) , Acetal Homopolymer, Unreinforced

Material Notes:

Order this product through the following link:

http://www.lookpolymers.com/polymer_Aclo-Accucomp-Polyacetal-POM-ACE092L-Medium-Viscosity.php

Physical Properties	Metric	English	Comments
Density	1.41 g/cc	0.0509 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.020 cm/cm	0.020 in/in	ASTM D955
Melt Flow	9.0 g/10 min	9.0 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	80	80	ASTM D785
Tensile Strength, Yield	62.5 MPa	9060 psi	ASTM D638
Elongation at Break	60 %	60 %	ASTM D638
Flexural Strength	91.49 MPa	13270 psi	ASTM D790
Flexural Modulus	2.650 GPa	384.3 ksi	ASTM D790
Izod Impact, Notched	0.641 J/cm	1.20 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	165 °C	329 °F	ASTM D789
Deflection Temperature at 0.46 MPa (66 psi)	158 °C	316 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	110 °C	230 °F	

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