

Global POM-270 Low Melt Acetal

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

Material Notes:

Information provided by Global Polymers Corporation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Global-POM-270-Low-Melt-Acetal.php

Physical Properties	Metric	English	Comments
Density	1.41 g/cc	0.0509 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.022 cm/cm	0.022 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell M	80	80	ASTM D785
Tensile Strength, Yield	61.0 MPa	8850 psi	ASTM D638
Elongation at Break	40 %	40 %	ASTM D638
Flexural Yield Strength	90.0 MPa	13100 psi	ASTM D790
Flexural Modulus	2.60 GPa	377 ksi	ASTM D790
Izod Impact, Notched	0.500 J/cm	0.937 ft-lb/in	ASTM D256
	0.400 J/cm	0.749 ft-lb/in	ASTM D256
	@Temperature -29.0 °C	@Temperature -20.2 °F	
Tensile Impact Strength	110 kJ/m ²	52.3 ft-lb/in ²	ASTM D1822

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