

Aclo Accucomp Polyethylene HD0200L High Density

Category : Polymer , Thermoplastic , Polyethylene (PE) , HDPE , High Density Polyethylene (HDPE), Injection Molded

Material Notes:

Order this product through the following link:

http://www.lookpolymers.com/polymer_Aclo-Accucomp-Polyethylene-HD0200L-High-Density.php

Physical Properties	Metric	English	Comments
Density	0.950 g/cc	0.0343 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.026 cm/cm	0.026 in/in	MD; ASTM D955
Melt Flow	0.50 g/10 min	0.50 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	33	33	ASTM D785
Tensile Strength at Break	15.0 MPa	2180 psi	ASTM D638
Tensile Strength, Yield	26.0 MPa	3770 psi	ASTM D638
Elongation at Break	350 %	350 %	ASTM D638
Elongation at Yield	44 %	44 %	ASTM D638
Tensile Modulus	0.9501 GPa	137.8 ksi	ASTM D638
Flexural Strength	21.0 MPa	3050 psi	ASTM D790
Flexural Modulus	0.800 GPa	116 ksi	ASTM D790
Izod Impact, Notched	NB	NB	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	62.2 °C	144 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	42.8 °C	109 °F	

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