

Aclo Accucomp PET PET008L

Category : Polymer , Thermoplastic , Polyester, TP , Polyethylene Terephthalate (PET) , Polyethylene Terephthalate (PET), Unreinforced

Material Notes:

Order this product through the following link:

http://www.lookpolymers.com/polymer_Aclo-Accucomp-PET-PET008L.php

Physical Properties	Metric	English	Comments
Density	1.34 g/cc	0.0484 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.0030 cm/cm	0.0030 in/in	MD; ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	113	113	ASTM D785
Tensile Strength at Break	23.0 MPa	3340 psi	ASTM D638
Tensile Strength, Yield	63.0 MPa	9140 psi	ASTM D638
Elongation at Break	15 %	15 %	ASTM D638
Elongation at Yield	5.0 %	5.0 %	ASTM D638
Tensile Modulus	1.826 GPa	264.9 ksi	ASTM D638
Flexural Strength	83.01 MPa	12040 psi	ASTM D790
Flexural Modulus	2.768 GPa	401.4 ksi	ASTM D790
Izod Impact, Notched	0.139 J/cm	0.260 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	66.1 °C	151 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	62.8 °C	145 °F	

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