

Aclo Acculoy POL062L Polycarbonate PET Alloy

Category : Polymer , Thermoplastic , Polycarbonate (PC) , Polycarbonate/PET Polyester Blend , Polyester, TP , Polyethylene Terephthalate (PET)

Material Notes:

Order this product through the following link:

http://www.lookpolymers.com/polymer_Aclo-Acculoy-POL062L-Polycarbonate-PET-Alloy.php

Physical Properties	Metric	English	Comments
Density	1.22 g/cc	0.0441 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.0060 cm/cm	0.0060 in/in	MD; ASTM D955
Melt Flow	13 g/10 min	13 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	118	118	ASTM D785
Tensile Strength at Break	58.0 MPa	8410 psi	ASTM D638
Tensile Strength, Yield	59.0 MPa	8560 psi	ASTM D638
Elongation at Break	150 %	150 %	ASTM D638
Elongation at Yield	86 %	86 %	ASTM D638
Tensile Modulus	1.700 GPa	246.5 ksi	ASTM D638
Flexural Strength	87.01 MPa	12620 psi	ASTM D790
Flexural Modulus	2.499 GPa	362.5 ksi	ASTM D790
Izod Impact, Notched	12.9 J/cm	24.2 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	127 °C	261 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	106 °C	223 °F	

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