

Aclo Acculoy POL063L 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-POL063L-Polycarbonate-PET-Alloy.php

Physical Properties	Metric	English	Comments
Density	1.21 g/cc	0.0437 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.0060 cm/cm	0.0060 in/in	MD; ASTM D955
Melt Flow	25 g/10 min	25 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	116	116	ASTM D785
Tensile Strength at Break	60.0 MPa	8700 psi	ASTM D638
Tensile Strength, Yield	59.0 MPa	8560 psi	ASTM D638
Elongation at Break	150 %	150 %	ASTM D638
Elongation at Yield	68 %	68 %	ASTM D638
Tensile Modulus	1.700 GPa	246.5 ksi	ASTM D638
Flexural Strength	87.98 MPa	12760 psi	ASTM D790
Flexural Modulus	2.499 GPa	362.5 ksi	ASTM D790
Izod Impact, Notched	9.98 J/cm	18.7 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	126 °C	259 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	107 °C	225 °F	

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