

Ashley Polymers Ashlene® 114WO PBT Polyester

Category : Polymer , Thermoplastic , Polyester, TP , Polybutylene Terephthalate (PBT) , Polybutylene Terephthalate (PBT), Unreinforced, Molded

Material Notes:

A high impact polyester with low shrinkage, flame retardant.Data provided by the manufacturer

Order this product through the following link:

http://www.lookpolymers.com/polymer_Ashley-Polymers-Ashlene-114WO-PBT-Polyester.php

Physical Properties	Metric	English	Comments
Density	1.34 g/cc	0.0484 lb/in ³	ASTM D792
Water Absorption	0.080 %	0.080 %	ASTM D570
Linear Mold Shrinkage	0.0080 cm/cm	0.0080 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	44.0 MPa	6380 psi	ASTM D638
Elongation at Break	60 %	60 %	ASTM D638
Flexural Modulus	1.90 GPa	276 ksi	ASTM D790
Izod Impact, Notched	3.10 J/cm	5.81 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	91.0 °C	196 °F	ASTM D648

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