

Ashley Polymers Ashlene® 124 PBT Polyester, 20% Glass Reinforced

Category : Polymer , Thermoplastic , Polyester, TP , Polybutylene Terephthalate (PBT) , Polybutylene Terephthalate (PBT), 20% Glass Fiber Filled

Material Notes:

General purpose 20% glass reinforcement, natural. Colors will modify properties. Data provided by the manufacturer

Order this product through the following link:

http://www.lookpolymers.com/polymer_Ashley-Polymers-Ashlene-124-PBT-Polyester-20-Glass-Reinforced.php

Physical Properties	Metric	English	Comments
Density	1.40 g/cc	0.0506 lb/in ³	ASTM D792
Water Absorption	0.070 %	0.070 %	ASTM D570
Linear Mold Shrinkage	0.0060 cm/cm	0.0060 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	93.0 MPa	13500 psi	ATSM D638
Elongation at Break	5.0 %	5.0 %	ASTM D638
Flexural Modulus	5.20 GPa	754 ksi	ASTM D790
Izod Impact, Notched	0.430 J/cm	0.806 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	210 °C	410 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	190 °C	374 °F	ASTM D648

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