

Ashley Polymers Ashlene® P126 PBT Polyester, 30% Glass Reinforced

Category : Polymer , Thermoplastic , Polyester, TP , Polybutylene Terephthalate (PBT) , Polybutylene Terephthalate (PBT), 30% Glass Fiber Filled

Material Notes:

PBT polyester with 30% glass reinforcement.Data provided by the manufacturer

Order this product through the following link:

http://www.lookpolymers.com/polymer_Ashley-Polymers-Ashlene-P126-PBT-Polyester-30-Glass-Reinforced.php

Physical Properties	Metric	English	Comments
Density	1.54 g/cc	0.0556 lb/in ³	ASTM D792
Water Absorption	0.070 %	0.070 %	ASTM D570
Linear Mold Shrinkage	0.0040 cm/cm	0.0040 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	90	90	ASTM D785
Tensile Strength, Yield	116 MPa	16800 psi	ASTM D638
Elongation at Break	2.0 %	2.0 %	ASTM D638
Flexural Strength	183 MPa	26500 psi	ASTM D790
Flexural Modulus	7.60 GPa	1100 ksi	ASTM D790
Izod Impact, Notched	0.850 J/cm	1.59 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	204 °C	399 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	196 °C	385 °F	ASTM D648

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