

## Ashley Polymers Ashlene® PBT 130, 50% Glass Reinforced

Category : Polymer , Thermoplastic , Polyester, TP , Polybutylene Terephthalate (PBT) , Polybutylene Terephthalate (PBT), 50% Glass Fiber Filled

**Material Notes:**

A 50% glass reinforced PBT designed for maximum rigidity of engineered parts.Data provided by the manufacturer

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Ashley-Polymers-Ashlene-PBT-130-50-Glass-Reinforced.php](http://www.lookpolymers.com/polymer_Ashley-Polymers-Ashlene-PBT-130-50-Glass-Reinforced.php)

Physical Properties	Metric	English	Comments
Density	1.71 g/cc	0.0618 lb/in <sup>3</sup>	ASTM D792
Water Absorption	0.30 %	0.30 %	ASTM D570
Linear Mold Shrinkage	0.0040 cm/cm	0.0040 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	152 MPa	22000 psi	ATSM D638
Elongation at Break	2.0 %	2.0 %	ASTM D638
Flexural Modulus	13.8 GPa	2000 ksi	ASTM D790
Izod Impact, Notched	0.800 J/cm	1.50 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	225 °C	437 °F	ASTM D3418
Maximum Service Temperature, Air	120 °C	248 °F	Long term
Deflection Temperature at 0.46 MPa (66 psi)	220 °C	428 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	215 °C	419 °F	ASTM D648

## Contact Songhan Plastic Technology Co.,Ltd.

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