

Ashley Polymers Ashlene® 990L-50G Nylon 610, 50% Glass Reinforced

Category : Polymer , Thermoplastic , Nylon , Nylon 610 , Nylon 610, Glass Reinforced

Material Notes:

50% glass reinforced, excellent dimensional stability and low water absorption. Also available as: 990LS-50G, same with heat stabilizer. Data provided by the manufacturer

Order this product through the following link:

http://www.lookpolymers.com/polymer_Ashley-Polymers-Ashlene-990L-50G-Nylon-610-50-Glass-Reinforced.php

Physical Properties	Metric	English	Comments
Density	1.52 g/cc	0.0549 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.0030 cm/cm	0.0030 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	193 MPa	28000 psi	ASTM D638
Elongation at Break	3.0 %	3.0 %	ASTM D638
Flexural Modulus	10.4 GPa	1510 ksi	ASTM D790
Izod Impact, Notched	1.87 J/cm	3.50 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	220 °C	428 °F	ASTM D3418
Deflection Temperature at 0.46 MPa (66 psi)	223 °C	433 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	218 °C	424 °F	ASTM D648

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