

Ashley Polymers Ashlene® D925LH-30G Nylon 12, 30% Glass Reinforced, Lubricated

Category : Polymer , Thermoplastic , Nylon , Nylon 12 , Nylon 12, 30% Glass Fiber Filled

Material Notes:

A 30% glass reinforced lubricated heat and light stabilized Nylon 12. Options: D925L-30G injection molding grade, without heat and light stabilizer; and D925L-30GB for injection molding, general purpose grade, black. Data provided by the manufacturer

Order this product through the following link:

http://www.lookpolymers.com/polymer_Ashley-Polymers-Ashlene-D925LH-30G-Nylon-12-30-Glass-Reinforced-Lubricated.php

Physical Properties	Metric	English	Comments
Density	1.24 g/cc	0.0448 lb/in ³	ASTM D792
Water Absorption	0.15 %	0.15 %	24 hrs; ASTM D570
Water Absorption at Saturation	1.0 %	1.0 %	ASTM D570
Linear Mold Shrinkage	0.0030 cm/cm	0.0030 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	107 MPa	15500 psi	ATSM D638
Elongation at Break	5.0 %	5.0 %	ASTM D638
Flexural Modulus	5.20 GPa	754 ksi	ASTM D790
Izod Impact, Notched	1.12 J/cm	2.10 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	179 °C	354 °F	ASTM D3418
Deflection Temperature at 0.46 MPa (66 psi)	176 °C	349 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	165 °C	329 °F	ASTM D648

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