

Ashley Polymers Ashlene® 733LD Nylon 6

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6 , Unreinforced

Material Notes:

A modified injection molding grade nylon for applications requiring flexibility.Data provided by the manufacturer

Order this product through the following link:

http://www.lookpolymers.com/polymer_Ashley-Polymers-Ashlene-733LD-Nylon-6.php

Physical Properties	Metric	English	Comments
Density	1.07 g/cc	0.0387 lb/in ³	ASTM D792
Water Absorption	1.2 %	1.2 %	24 hrs; ASTM D570
Linear Mold Shrinkage	0.013 cm/cm	0.013 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	51.0 MPa	7400 psi	ATSM D638
Elongation at Break	150 %	150 %	ASTM D638
Flexural Modulus	0.810 GPa	117 ksi	ASTM D790
Izod Impact, Notched	1.98 J/cm	3.71 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	210 °C	410 °F	ASTM D3418
Deflection Temperature at 1.8 MPa (264 psi)	49.0 °C	120 °F	ASTM D648

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