

Ashley Polymers Ashlene® 526LD Nylon 66

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, Unreinforced

Material Notes:

Modified for toughness at low temperatures, injection molding grade.Data provided by the manufacturer

Order this product through the following link:

http://www.lookpolymers.com/polymer_Ashley-Polymers-Ashlene-526LD-Nylon-66.php

Physical Properties	Metric	English	Comments
Density	1.11 g/cc	0.0401 lb/in ³	ASTM D792
Water Absorption	1.4 %	1.4 %	ASTM D570
Linear Mold Shrinkage	0.016 cm/cm	0.016 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	116	116	ASTM D785
Tensile Strength, Ultimate	68.0 MPa	9860 psi	ATSM D638
Elongation at Break	40 %	40 %	ASTM D638
Flexural Modulus	2.30 GPa	334 ksi	ASTM D790
Izod Impact, Notched	1.92 J/cm	3.60 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	255 °C	491 °F	ASTM D3418
Deflection Temperature at 0.46 MPa (66 psi)	227 °C	441 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	79.0 °C	174 °F	ASTM D648
Flammability, UL94	HB	HB	

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