

Ashley Polymers Ashlene® 525 Nylon 66

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, Impact Grade

Material Notes:

High impact Nylon 66 with good stiffness for injection molding.Data provided by the manufacturer

Order this product through the following link:

http://www.lookpolymers.com/polymer_Ashley-Polymers-Ashlene-525-Nylon-66.php

Physical Properties	Metric	English	Comments
Density	1.08 g/cc	0.0390 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.016 cm/cm	0.016 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	114	114	ASTM D785
Tensile Strength, Ultimate	57.0 MPa	8270 psi	ATSM D638
Elongation at Break	75 %	75 %	ASTM D638
Flexural Modulus	1.60 GPa	232 ksi	ASTM D790
Izod Impact, Notched	2.29 J/cm	4.29 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	249 °C	480 °F	ASTM D3418
Deflection Temperature at 0.46 MPa (66 psi)	119 °C	246 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	66.0 °C	151 °F	ASTM D648

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