

Ashley Polymers Ashlene® D927 Nylon 12

Category : Polymer , Thermoplastic , Nylon , Nylon 12

Material Notes:

A flexible Nylon 12 with exceptional toughness, excellent abrasion and chemical resistance, outstanding low temperature performance, dimensional stability and low moisture absorption. Also available with UV stabilizer, designated D927H. Data provided by the manufacturer

Order this product through the following link:

http://www.lookpolymers.com/polymer_Ashley-Polymers-Ashlene-D927-Nylon-12.php

Physical Properties	Metric	English	Comments
Density	1.03 g/cc	0.0372 lb/in ³	ASTM D792
Water Absorption	0.20 %	0.20 %	24 hrs; ASTM D570
Water Absorption at Saturation	1.4 %	1.4 %	ASTM D570

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	49.0 MPa	7110 psi	ASTM D638
Elongation at Break	325 %	325 %	ASTM D638
Flexural Modulus	0.620 GPa	89.9 ksi	ASTM D790
Izod Impact, Notched	1.60 J/cm	3.00 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	184 °C	363 °F	ASTM D3418

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