

Ashley Polymers Ashlene® R6020 Nylon 6

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

Material Notes:

A medium viscosity extrusion grade resin with excellent melt stability and good melt strength, suitable for extrusion coating and film co-extrusion applications. Excellent grease resistance, toughness, resistance to abrasion; does not absorb food odors. Data provided by the manufacturer

Order this product through the following link:

http://www.lookpolymers.com/polymer_Ashley-Polymers-Ashlene-R6020-Nylon-6.php

Physical Properties	Metric	English	Comments
Density	1.13 g/cc	0.0408 lb/in ³	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	83.0 MPa	12000 psi	ATSM D638
Tensile Strength, Yield	83.0 MPa	12000 psi	ASTM D638
Elongation at Break	70 %	70 %	ASTM D638
Flexural Modulus	0.100 GPa	14.5 ksi	ASTM D790
Izod Impact, Notched	0.370 J/cm	0.693 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	218 °C	424 °F	ASTM D3418

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