

Ashley Polymers Ashlene® 746 Nylon 6/69

Category : Polymer , Thermoplastic , Nylon , Nylon 6/69

Material Notes:

A special copolymer ideal for blown and cast film coextrusion. This is a gel free resin with outstanding lot to lot consistency being produced by a continuous process. It has a lower melting point and is less crystalline than standard Nylon 6. Data provided by the manufacturer

Order this product through the following link:

http://www.lookpolymers.com/polymer_Ashley-Polymers-Ashlene-746-Nylon-669.php

Physical Properties	Metric	English	Comments
Density	1.11 g/cc	0.0401 lb/in ³	ASTM D792
Oxygen Transmission	1.50 cc-mm/m ² -24hr-atm	3.81 cc-mil/100 in ² -24hr-atm	cc-mm/m ² -24hr-atm. Based on 1 mil microfilm; ASTM D398555-81

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	60.0 MPa	8700 psi	ATSM D638
Tensile Strength, Yield	26.0 MPa	3770 psi	ASTM D638
Elongation at Break	362 %	362 %	ASTM D638
Tensile Modulus	0.335 GPa	48.6 ksi	ASTM D638

Thermal Properties	Metric	English	Comments
Melting Point	196 °C	385 °F	ASTM D3418

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