

## Ashley Polymers Ashlene® 839N Nylon 6, Film Grade

Category : Polymer , Film , Thermoplastic , Nylon , Nylon 6 , Nylon 6, Film Grade

### Material Notes:

Nylon 6 resin for blown or caste film, in addition to co-extrusion applications.Data provided by the manufacturer

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Ashley-Polymers-Ashlene-839N-Nylon-6-Film-Grade.php](http://www.lookpolymers.com/polymer_Ashley-Polymers-Ashlene-839N-Nylon-6-Film-Grade.php)

Physical Properties	Metric	English	Comments
Density	1.13 g/cc	0.0408 lb/in <sup>3</sup>	ASTM D792
Water Absorption	1.6 %	1.6 %	24 hrs; ASTM D570
Moisture Absorption at Equilibrium	2.7 %	2.7 %	50% RH; ASTM D570
Water Absorption at Saturation	9.5 %	9.5 %	ASTM D570

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	60.0 MPa	8700 psi	ATSM D638
Elongation at Break	290 %	290 %	ASTM D638
Flexural Modulus	2.80 GPa	406 ksi	ASTM D790

Thermal Properties	Metric	English	Comments
Melting Point	216 °C	421 °F	ASTM D3418

## Contact Songhan Plastic Technology Co.,Ltd.

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