

## Overview of materials for Nylon 6/69

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

### Material Notes:

This property data is a summary of similar materials in the MatWeb database for the category "Nylon 6/69". Each property range of values reported is minimum and maximum values of appropriate MatWeb entries. The comments report the average value, and number of data points used to calculate the average. The values are not necessarily typical of any specific grade, especially less common values and those that can be most affected by additives or processing methods.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Overview-of-materials-for-Nylon-669.php](http://www.lookpolymers.com/polymer_Overview-of-materials-for-Nylon-669.php)

Physical Properties	Metric	English	Comments
Density	1.11 - 1.12 g/cc	0.0401 - 0.0405 lb/in <sup>3</sup>	Average value: 1.12 g/cc Grade Count:5

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	39.3 - 60.0 MPa	5700 - 8700 psi	Average value: 53.1 MPa Grade Count:3
Tensile Strength, Yield	26.0 - 62.0 MPa	3770 - 8990 psi	Average value: 42.5 MPa Grade Count:4
Elongation at Break	300 - 362 %	300 - 362 %	Average value: 325 % Grade Count:5
Flexural Modulus	0.634 - 1.90 GPa	92.0 - 276 ksi	Average value: 1.10 GPa Grade Count:3
Izod Impact, Notched	0.700 - 1.60 J/cm	1.31 - 3.00 ft-lb/in	Average value: 1.03 J/cm Grade Count:3

Thermal Properties	Metric	English	Comments
Melting Point	196 - 200 °C	385 - 392 °F	Average value: 197 °C Grade Count:5

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China