

## Nylene® 321 (HS) Impact Modified Nylon 6

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

### Material Notes:

Description: Nylene® 321 (HS) is an impact modified nylon 6. Information provided by Custom Resins.ALM, Nylene Canada, and Custom Resins are all operating companies of Polymeric Resources Corporation.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Nylene-321-HS-Impact-Modified-Nylon-6.php](http://www.lookpolymers.com/polymer_Nylene-321-HS-Impact-Modified-Nylon-6.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.11 g/cc	1.11 g/cc	ASTM D792
Linear Mold Shrinkage	0.012 cm/cm	0.012 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	55.2 MPa	8000 psi	ASTM D638
Elongation at Break	100 %	100 %	ASTM D638
Flexural Modulus	1.93 GPa	280 ksi	ASTM D790
Izod Impact, Notched	1.87 J/cm	3.50 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	216 °C	420 °F	ASTM D3418
Deflection Temperature at 1.8 MPa (264 psi)	53.9 °C	129 °F	ASTM D648

## Contact Songhan Plastic Technology Co.,Ltd.

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