

## Malvern Minerals Nylon with Novacite® L-337 Quartz Filler

Category : Polymer , Thermoplastic , Nylon

### Material Notes:

Product data demonstrates the effect of the Novacite® (untreated lamellar quartz) filler. A separate entry demonstrates the effect of treated Novakup® filler in nylon. The specific nylon used is Huels Nylon 12 L-1901, granulated natural, L-809-0001-0718. Information provided by Malvern Minerals Company.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Malvern-Minerals-Nylon-with-Novacite-L-337-Quartz-Filler.php](http://www.lookpolymers.com/polymer_Malvern-Minerals-Nylon-with-Novacite-L-337-Quartz-Filler.php)

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	31.7 MPa	4600 psi	after 16 hours in 50°C water
	41.4 MPa	6000 psi	initial
Elongation at Break	3.5 %	3.5 %	
Flexural Strength	60.0 MPa	8700 psi	after 16 hours in 50°C water
	68.9 MPa	10000 psi	initial
Flexural Modulus	1.24 GPa	180 ksi	after 16 hours in 50°C water
	2.14 GPa	310 ksi	initial
Izod Impact, Unnotched	1.92 J/cm	3.60 ft-lb/in	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	68.0 °C	154 °F	

## Contact Songhan Plastic Technology Co.,Ltd.

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