

## Nylene® 9543 , 43% Glass Reinforced Nylon 6/12

Category : Polymer , Thermoplastic , Nylon , Nylon 612 , Nylon 612, Glass Fiber Filler

### Material Notes:

Description: Nylene® 9543 s a 43% glass fiber reinforced specialty nylon. 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-9543-43-Glass-Reinforced-Nylon-612.php](http://www.lookpolymers.com/polymer_Nylene-9543-43-Glass-Reinforced-Nylon-612.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.46 g/cc	1.46 g/cc	ASTM D792
Linear Mold Shrinkage	0.0010 cm/cm	0.0010 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	165 MPa	24000 psi	ASTM D638
Elongation at Break	5.0 %	5.0 %	ASTM D638
Flexural Modulus	8.48 GPa	1230 ksi	ASTM D790
Izod Impact, Notched	1.07 J/cm	2.00 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	224 °C	435 °F	ASTM D3418
Deflection Temperature at 1.8 MPa (264 psi)	210 °C	410 °F	ASTM D648

## Contact Songhan Plastic Technology Co.,Ltd.

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