

## Ovation Polymers Opnyl OP66GF33 Nylon 66, 33% Glass Reinforced, Conditioned

Category : Polymer , Thermoplastic , Nylon , Nylon 66

### Material Notes:

Nylon 66 - Glass reinforced (33 %), high tensile strength, stiffness and HDT. \*All properties are measured after 48 hours of conditioning at 23°C and 50% relative humidity. For Nylon compounds the measurements are done in dry and wet conditions. All samples are prepared according to ASTM standards. Variations within normal tolerances are possible for various types of colors and functional properties like UV resistance. Information provided by Ovation Polymers

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Ovation-Polymers-Opnyl-OP66GF33-Nylon-66-33-Glass-Reinforced-Conditioned.php](http://www.lookpolymers.com/polymer_Ovation-Polymers-Opnyl-OP66GF33-Nylon-66-33-Glass-Reinforced-Conditioned.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.38 g/cc	1.38 g/cc	ASTM D792
Linear Mold Shrinkage	0.0020 - 0.0030 cm/cm @Thickness 3.17 mm	0.0020 - 0.0030 in/in @Thickness 0.125 in	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	125 MPa	18100 psi	50 mm/min; ASTM D638
Elongation at Break	4.2 %	4.2 %	50 mm/min; ASTM D638
Tensile Modulus	7.00 GPa	1020 ksi	50 mm/min; ASTM D638
Flexural Modulus	7.80 GPa	1130 ksi	1.3 mm/min, 50 mm span; ASTM D790
Izod Impact, Notched	1.174 J/cm	2.199 ft-lb/in	ASTM D256

## Contact Songhan Plastic Technology Co.,Ltd.

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