

Ovation Polymers Opnyl OP66GF43 Nylon 66, Dry as Molded

Category : Polymer , Thermoplastic , Nylon , Nylon 66

Material Notes:

Nylon 66-Glass reinforced(43%), high tensile strength, stiffness and HDT.Information provided by Ovation Polymers

Order this product through the following link:

http://www.lookpolymers.com/polymer_Ovation-Polymers-Opnyl-OP66GF43-Nylon-66-Dry-as-Molded.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.52 g/cc	1.52 g/cc	ASTM D792
Linear Mold Shrinkage, Flow	0.0020 - 0.0040 cm/cm	0.0020 - 0.0040 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	165 MPa	23900 psi	50 mm/min; ASTM D638
Elongation at Break	3.6 %	3.6 %	50 mm/min; ASTM D638
Tensile Modulus	7.80 GPa	1130 ksi	50 mm/min; ASTM D638
Flexural Yield Strength	185 MPa	26800 psi	1.3 mm/min; ASTM D790
Flexural Modulus	8.85 GPa	1280 ksi	1.3 mm/min; ASTM D790
Izod Impact, Notched	1.121 J/cm @Temperature 23.0 °C	2.100 ft-lb/in @Temperature 73.4 °F	ASTM D256

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