

Ovation Polymers Opnyl OP66GF50 Nylon 66

Category : Polymer , Thermoplastic , Nylon , Nylon 66

Material Notes:

Nylon 66-Glass reinforced(50%), 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-OP66GF50-Nylon-66.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.57 g/cc	1.57 g/cc	ASTM D792
Linear Mold Shrinkage, Flow	0.0020 - 0.0035 cm/cm	0.0020 - 0.0035 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	175 MPa	25400 psi	50 mm/min; ASTM D638
Elongation at Break	3.0 %	3.0 %	50 mm/min; ASTM D638
Tensile Modulus	8.50 GPa	1230 ksi	50 mm/min; ASTM D638
Flexural Yield Strength	200 MPa	29000 psi	1.3 mm/min; ASTM D790
Flexural Modulus	10.2 GPa	1480 ksi	1.3 mm/min; ASTM D790
Izod Impact, Notched	1.255 J/cm @Temperature 23.0 °C	2.351 ft-lb/in @Temperature 73.4 °F	ASTM D256

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