

Ovation Polymers Opnyl LSE - OP66GF3015 Nylon 66

Category : Polymer , Thermoplastic , Nylon , Nylon 66

Material Notes:

Low surface energy Nylon 66 for demanding applications such as bearings, bushes, rods and gears All properties after 48hrs conditioning at 23°C/50% RH

Order this product through the following link:

http://www.lookpolymers.com/polymer_Ovation-Polymers-Opnyl-LSE-OP66GF3015-Nylon-66.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.49 g/cc	1.49 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	135 MPa	19600 psi	50 mm/min; ASTM D638
Elongation at Break	3.8 %	3.8 %	50 mm/min; ASTM D638
Tensile Modulus	7.525 GPa	1091 ksi	50 mm/min; ASTM D638
Flexural Strength	195 MPa	28300 psi	1.3 mm/min, 50 mm span; ASTM D790
Flexural Modulus	6.895 GPa	1000 ksi	1.3 mm/min, 50 mm span; ASTM D790
Izod Impact, Notched	0.908 J/cm	1.70 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	242 °C @Thickness 3.20 mm	468 °F @Thickness 0.126 in	Unannealed; ASTM D648

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