

Ravago Manufacturing Americas Enviramid™ N1320HL BK Post Consumer Recycle Nylon 66, 20% Glass Filled

Category : Polymer , Renewable/Recycled Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, 20% Glass Fiber Filled

Material Notes:

Heat Stabilized, Lubricated, Black, and made from EnViramid™ Post Consumer Recycled Nylon. Information provided by Ravago.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Ravago-Manufacturing-Americas-Enviramid-N1320HL-BK-Post-Consumer-Recycle-Nylon-66-20-Glass-Filled.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.29 g/cc	1.29 g/cc	ASTM D792
Water Absorption	1.0 %	1.0 %	Saturation, Immersed; ASTM D570
Linear Mold Shrinkage, Flow	0.0040 - 0.0070 cm/cm @Thickness 3.17 mm	0.0040 - 0.0070 in/in @Thickness 0.125 in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	105 MPa	15200 psi	ASTM D638
Elongation at Break	2.0 %	2.0 %	ASTM D638
Flexural Strength	168 MPa	24400 psi	ASTM D790
Flexural Modulus	4.700 GPa	681.7 ksi	ASTM D790
Izod Impact, Notched	0.427 J/cm	0.800 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	225 °C	437 °F	ASTM D648

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