

Ravago Manufacturing Americas Enviramid™ N1315HL BK Post Consumer Recycle Nylon 66, 15% 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-N1315HL-BK-Post-Consumer-Recycle-Nylon-66-15-Glass-Filled.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.25 g/cc	1.25 g/cc	ASTM D792
Water Absorption	1.0 %	1.0 %	Saturation, Immersed; ASTM D570
Linear Mold Shrinkage, Flow	0.0050 - 0.0080 cm/cm @Thickness 3.17 mm	0.0050 - 0.0080 in/in @Thickness 0.125 in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	88.3 MPa	12800 psi	ASTM D638
Elongation at Break	2.5 %	2.5 %	ASTM D638
Flexural Strength	160 MPa	23200 psi	ASTM D790
Flexural Modulus	4.500 GPa	652.7 ksi	ASTM D790
Izod Impact, Notched	0.320 J/cm	0.600 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	220 °C	428 °F	ASTM D648

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