

Ravago Manufacturing Americas Enviramid™ N1300HL BK/UV2 Post Consumer Recycle Nylon 66

Category : Polymer , Renewable/Recycled Polymer , Thermoplastic , Nylon , Nylon 66

Material Notes:

Heat Stabilized, Lubricated, UV Stabilized, 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-N1300HL-BKUV2-Post-Consumer-Recycle-Nylon-66.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.15 g/cc	1.15 g/cc	ASTM D792
Water Absorption	1.2 %	1.2 %	Saturation, Immersed; ASTM D570
Linear Mold Shrinkage, Flow	0.015 - 0.019 cm/cm @Thickness 3.17 mm	0.015 - 0.019 in/in @Thickness 0.125 in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	64.8 MPa	9400 psi	ASTM D638
Elongation at Break	10 %	10 %	ASTM D638
Flexural Strength	107 MPa	15500 psi	ASTM D790
Flexural Modulus	2.899 GPa	420.5 ksi	ASTM D790
Izod Impact, Notched	0.481 J/cm	0.900 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	70.0 °C	158 °F	ASTM D648

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