

Ravago Manufacturing Americas Enviramid™ N2300HL BK/UV2 Post Consumer Recycle Nylon 6

Category : Polymer , Renewable/Recycled Polymer , Thermoplastic , Nylon , Nylon 6

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-N2300HL-BKUV2-Post-Consumer-Recycle-Nylon-6.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.14 g/cc	1.14 g/cc	ASTM D792
Water Absorption	1.6 %	1.6 %	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	62.1 MPa	9000 psi	ASTM D638
Elongation at Break	12 %	12 %	ASTM D638
Flexural Strength	114 MPa	16500 psi	ASTM D790
Flexural Modulus	2.800 GPa	406.1 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)	45.0 °C	113 °F	ASTM D648

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