

Ravago Manufacturing Americas Echo® RPPC 30/2 BK Recycled Polypropylene

Category : Polymer , Renewable/Recycled Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene Copolymer

Material Notes:

Copolymer Polypropylene, Unreinforced, 30 MFI, 2 Izod, BlackEntecs proprietary products include a full range of compounds in the Nylon 6/6, Nylon 6, ABS, PBT, Polycarbonate, PC/ABS, PC/ASA, PC/PBT, and PPO/PPE resin families. Information provided by Ravago.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Ravago-Manufacturing-Americas-Echo-RPPC-302-BK-Recycled-Polypropylene.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.900 g/cc	0.900 g/cc	ASTM D792
Melt Flow	30 g/10 min @Load 2.16 kg, Temperature 230 °C	30 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	79	79	ASTM D785
Tensile Strength, Yield	25.0 MPa	3630 psi	ASTM D638
Elongation at Break	45 %	45 %	ASTM D638
Flexural Modulus	1.135 GPa	164.6 ksi	ASTM D790
Izod Impact, Notched	1.06 J/cm @Thickness 3.17 mm, Temperature 22.8 °C	1.99 ft-lb/in @Thickness 0.125 in, Temperature 73.0 °F	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	101 °C	214 °F	ASTM D648

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