

Ravago Manufacturing Americas Echo® RPEHD NAT Recycled HDPE

Category : Polymer , Renewable/Recycled Polymer , Thermoplastic , Polyethylene (PE) , HDPE , High Density Polyethylene (HDPE), Injection Molded

Material Notes:

Recycled High Density Polyethylene, Natural Color, Fractional Melt Flow Information provided by Ravago.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Ravago-Manufacturing-Americas-Echo-RPEHD-NAT-Recycled-HDPE.php

| Physical Properties | Metric | English | Comments |
|---------------------|--|--|------------|
| Specific Gravity | 0.946 - 0.956 g/cc | 0.946 - 0.956 g/cc | ASTM D792 |
| Melt Flow | 0.10 - 0.60 g/10 min @Load 2.16 kg, Temperature 190 °C | 0.10 - 0.60 g/10 min @Load 4.76 lb, Temperature 374 °F | ASTM D1238 |

| Mechanical Properties | Metric | English | Comments |
|-------------------------|----------|----------|----------------------|
| Tensile Strength, Yield | 25.1 MPa | 3640 psi | ASTM D638 |
| Flexural Modulus | 1.21 GPa | 176 ksi | 1% secant; ASTM D790 |

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