

Buckeye Polymers BP HDPE 9610 R RLK High Density Polyethylene

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

Material Notes:

Product Information: Our HDPE grade of materials are designed to offer excellent physical properties while providing cost savings versus higher cost prime equivalents. Buckeye Polymers HDPE materials are being used in many applications such as dunnage trays, containers, toys and recreational items.
Product Features: Large volume availability ISO 9001 approved quality and COA's with each shipment Meets or exceeds GMP.PE.008 Easily recyclable at point of molding
Appearance: Black
Forms: Pellets
Processing Method: Injection Molding
Information Provided by Buckeye Polymers, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Buckeye-Polymers-BP-HDPE-9610-R-RLK-High-Density-Polyethylene.php

Physical Properties	Metric	English	Comments
Density	0.950 - 0.955 g/cc	0.0343 - 0.0345 lb/in ³	ASTM D1505
Melt Flow	6.0 - 10 g/10 min	6.0 - 10 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	>= 20.0 MPa	>= 2900 psi	ASTM D638
Elongation at Break	>= 400 %	>= 400 %	ASTM D638
Flexural Modulus	>= 0.800 GPa	>= 116 ksi	ASTM D790
Izod Impact, Notched	0.801 J/cm	1.50 ft-lb/in	ASTM D256

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