

Entec Hypel® PEHD30/.950 HDPE

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

Material Notes:

Available in North America Features: High DensityRoHS Compliant Form: Pellets Information provided by Entec

Order this product through the following link:

http://www.lookpolymers.com/polymer_Entec-Hypel-PEHD30950-HDPE.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.952 g/cc	0.952 g/cc	ASTM D792
Melt Flow	30 g/10 min @Load 2.16 kg, Temperature 190 °C	30 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	62	62	ASTM D2240
Tensile Strength, Yield	23.1 MPa	3350 psi	ASTM D638
Elongation at Break	200 %	200 %	ASTM D638
Flexural Modulus	0.965 GPa	140 ksi	ASTM D790

Thermal Properties	Metric	English	Comments
Vicat Softening Point	120 °C	248 °F	Rate A (50°C/h), Loading 1 (10 N); ASTM D1525

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