

Entec Hypel® PEHD.3/.955 HDPE

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

Material Notes:

Entec's 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 Entec.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Entec-Hypel-PEHD3955-HDPE.php

Physical Properties	Metric	English	Comments
Density	0.955 g/cc	0.0345 lb/in ³	ASTM D792
Melt Flow	0.35 g/10 min @Load 2.16 kg, Temperature 190 °C	0.35 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	27.6 MPa	4000 psi	ASTM D638
Elongation at Break	600 %	600 %	ASTM D638
Flexural Modulus	1.38 GPa	200 ksi	ASTM D790
Izod Impact, Notched	2.40 J/cm	4.50 ft-lb/in	73°F, 0.125 in; ASTM D256

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