

Entec Hypel® PELD8/.920 LDPE

Category : Polymer , Thermoplastic , Polyethylene (PE) , LDPE , Low Density Polyethylene (LDPE), 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-PELD8920-LDPE.php

Physical Properties	Metric	English	Comments
Density	0.920 g/cc	0.0332 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.015 - 0.045 cm/cm	0.015 - 0.045 in/in	0.125 in; ASTM D955
Melt Flow	8.0 g/10 min @Load 2.16 kg, Temperature 190 °C	8.0 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	11.4 MPa	1650 psi	ASTM D638
Elongation at Break	110 %	110 %	ASTM D638
Flexural Modulus	0.185 GPa	26.8 ksi	2% Secant; ASTM D790

Thermal Properties	Metric	English	Comments
Vicat Softening Point	92.8 °C	199 °F	Rate A, Loading 1 (10 N); ASTM D1525

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