

**Entec Hypel® PELD12/.920 LDPE (discontinued \*\*)**

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-PELD12920-LDPE-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_Entec-Hypel-PELD12920-LDPE-nbspdiscontinued-.php)

Physical Properties	Metric	English	Comments
Density	0.920 g/cc	0.0332 lb/in <sup>3</sup>	ASTM D792
Melt Flow	12 g/10 min @Load 2.16 kg, Temperature 190 °C	12 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	43	43	ASTM D2240
Tensile Strength, Yield	10.3 MPa	1500 psi	ASTM D638
Elongation at Break	400 %	400 %	ASTM D638
Flexural Modulus	0.121 GPa	17.5 ksi	1% Secant; ASTM D790

Thermal Properties	Metric	English	Comments
Vicat Softening Point	85.0 °C	185 °F	Rate A, Loading 1 (10 N); ASTM D1525

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