

Entec Hypel® PELD50/.924 LDPE

Category : Polymer , Thermoplastic , Polyethylene (PE) , LDPE

Material Notes:

Available in North America Features: Food Contact Acceptable and Low Density Agency Ratings: FDA 21 CFR 176.170, Table 2, Cond. B; Cond. C; Cond. D; Cond. E; Cond. F; Cond. G; Cond. H; and FDA 21 CFR 177.1520 RoHS Compliant Form: Pellets Information provided by Entec

Order this product through the following link:

http://www.lookpolymers.com/polymer_Entec-Hypel-PELD50924-LDPE.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.924 g/cc	0.924 g/cc	ASTM D792
Melt Flow	50 g/10 min @Load 2.16 kg, Temperature 190 °C	50 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	8.96 MPa	1300 psi	ASTM D638
Tensile Strength, Yield	11.7 MPa	1700 psi	ASTM D638
Elongation at Break	100 %	100 %	ASTM D638
2% Secant Modulus	0.345 GPa	50.0 ksi	ASTM D790

Thermal Properties	Metric	English	Comments
Vicat Softening Point	97.8 °C	208 °F	Rate A (50°C/h), Loading 1 (10 N); ASTM D1525

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