

## Entec Hypel® PEHD4/.955 HDPE

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

### Material Notes:

Available in North America Features: Food Contact Acceptable and High Density Agency Ratings: FDA 21 CFR 177.1520RoHS Compliant

Form: Pellets Information provided by Entec

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Entec-Hypel-PEHD4955-HDPE.php](http://www.lookpolymers.com/polymer_Entec-Hypel-PEHD4955-HDPE.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.957 g/cc	0.957 g/cc	ASTM D792
Melt Flow	4.8 g/10 min @Load 2.16 kg, Temperature 190 °C	4.8 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	22.1 MPa	3200 psi	ASTM D638
Elongation at Break	1000 %	1000 %	ASTM D638
Flexural Modulus	0.862 GPa	125 ksi	ASTM D790

Thermal Properties	Metric	English	Comments
Vicat Softening Point	122 °C	252 °F	Rate A (50°C/h), Loading 1 (10 N); ASTM D1525

## Contact Songhan Plastic Technology Co.,Ltd.

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