

Total HDPE 6480 High Density Polyethylene, Clarity Cast Film Resin

Category : Polymer , Film , Thermoplastic , Polyethylene (PE) , HDPE , High Density Polyethylene (HDPE), Film Grade

Material Notes:

Polyethylene: Clarity High Density Cast Film Resin Characteristics: High stiffness High clarity Excellent surface gloss High tensile strength Good barrier properties Low gel content Applications: Overwrap Food packaging Coextrusion Extrusion coating Information provided by Total Petrochemicals.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Total-HDPE-6480-High-Density-Polyethylene-Clarity-Cast-Film-Resin.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.962 g/cc	0.962 g/cc	ASTM D792
Water Vapor Transmission	3.41 g/m ² /day @Temperature 37.8 °C	0.220 g/100 in ² /day @Temperature 100 °F	ASTM E96/66
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 at Break	34.5 MPa	5000 psi	film; ASTM D882
Elongation at Break	1000 %	1000 %	ASTM D882
Secant Modulus	0.655 GPa	95.0 ksi	ASTM D882
Elmendorf Tear Strength MD	35 g	35 g	ASTM D1922
Elmendorf Tear Strength TD	50 g	50 g	ASTM D1922
Dart Drop Test	85.0 g	0.187 lb	ASTM D1709

Thermal Properties	Metric	English	Comments
Melting Point	129 °C	265 °F	ASTM D3417

Optical Properties	Metric	English	Comments
Haze	15 %	15 %	ASTM D1003
Gloss	65 %	65 %	ASTM D523
Transmission, Visible	90 %	90 %	clear; thickness not quantified

Processing Properties	Metric	English	Comments
Melt Temperature	232 - 260 °C	450 - 500 °F	Extrusion

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China