

Petromont 2200 High Density Polyethylene Resin

Category : Polymer , Film , Thermoplastic , Polyethylene (PE) , HDPE

Material Notes:

Pétromont HDPE 2200 is a high-density polyethylene homopolymer resin produced using the UNIPOL® Process. This resin can be used in a mono layer or co-extrusion resin in applications requiring improved film stiffness and barrier properties, such as in Deli Wrap, cereal box liner, etc. Pétromont HDPE 2200 is an intermediate molecular weight resin offering an excellent combination of maximum barrier properties and stiffness with no detectable taste and odour as well as good extrusion characteristics.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Petromont-2200-High-Density-Polyethylene-Resin.php

Physical Properties	Metric	English	Comments
Density	0.961 g/cc	0.0347 lb/in ³	ASTM D1505
Water Vapor Transmission	4.30 g/m ² /day	0.277 g/100 in ² /day	24 hrs, 37.8°C, 90% R.H.; ASTM E96
Oxygen Transmission	0.00450 cc-mm/m ² -24hr-atm	0.0114 cc-mil/100 in ² -24hr-atm	Dry; ASTM D1434
Nitrogen Transmission	0.00160 cc-mm/m ² -24hr-atm	0.00406 cc-mil/100 in ² -24hr-atm	Dry; ASTM D1434
Carbon Dioxide Transmission	0.0240 cc-mm/m ² -24hr-atm	0.0610 cc-mil/100 in ² -24hr-atm	Dry; ASTM D1434
Melt Flow	0.70 g/10 min	0.70 g/10 min	I₂; ASTM D1238
	50 g/10 min	50 g/10 min	I₂₁; ASTM D238

Thermal Properties	Metric	English	Comments
Melting Point	133 °C	271 °F	Petromont
Crystallization Temperature	119 °C	246 °F	Petromont
Vicat Softening Point	130 °C	266 °F	ASTM D1525

Descriptive Properties	Value	Comments
Process	Film	

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