

Petromont 2100 Medium Density Polyethylene Resin

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

Material Notes:

Petromont HDPE 2100 is a medium density polyethylene blown film resin produced using the UNIPOL™ Process. This resin is designed specifically for blown film made by co-extrusion. It is commonly used in HDPE resins in applications where an improvement in the film resilience property is required, and with LLDPE where higher stiffness is required. Petromont HDPE 2100 has a broad molecular weight distribution. This, combined with its medium molecular weight and medium density, results in excellent processing characteristics at high extrusion rates with good flexibility and resilience. The excellent draw down characteristics permit production of high quality thin films

Order this product through the following link:

http://www.lookpolymers.com/polymer_Petromont-2100-Medium-Density-Polyethylene-Resin.php

Physical Properties	Metric	English	Comments
Density	0.940 g/cc	0.0340 lb/in ³	ASTM D1505
Melt Flow	0.20 g/10 min	0.20 g/10 min	I₂; ASTM D1238
	20 g/10 min	20 g/10 min	I₂₁; ASTM D238

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	32.0 MPa	4640 psi	ASTM D638
Elongation at Break	>= 800 %	>= 800 %	ASTM D638
Flexural Modulus	0.690 GPa	100 ksi	at 1% elongation; ASTM D790

Thermal Properties	Metric	English	Comments
Melting Point	125 °C	257 °F	Petromont
Vicat Softening Point	116 °C	241 °F	ASTM D1525

Descriptive Properties	Value	Comments
Process	Film	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.comEmail : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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