

Total LDPE 1070 MN 18 C Low Density Polyethylene - Injection Molding and Compounding

Category : Polymer , Thermoplastic , Polyethylene (PE) , LDPE , Low Density Polyethylene (LDPE), Molded

Material Notes:

LDPE 1070 MN 18 C is a low density polyethylene made by a high pressure autoclave process without antioxidant. Grade adapted to the production of flexible parts with a high production rate. Application examples: caps, closures, lids, household items, master-batches. Information provided by Total Petrochemicals.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Total-LDPE-1070-MN-18-C-Low-Density-Polyethylene-Injection-Molding-and-Compounding.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.918 g/cc	0.918 g/cc	ISO 1183
Melt Flow	7.5 g/10 min @Load 2.16 kg, Temperature 190 °C	7.5 g/10 min @Load 4.76 lb, Temperature 374 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	51	51	after 15 sec; ISO 868
Tensile Strength at Break	12.0 MPa	1740 psi	ISO 527-2
Tensile Strength, Yield	9.00 MPa	1310 psi	ISO 527-2
Elongation at Break	450 %	450 %	ISO 527-2
Modulus of Elasticity	0.170 GPa	24.7 ksi	ISO 527-2

Thermal Properties	Metric	English	Comments
Melting Point	108 °C	226 °F	ISO 11357
Vicat Softening Point	88.0 °C	190 °F	ISO 306
Shrinkage	1.0 - 3.0 %	1.0 - 3.0 %	

Processing Properties	Metric	English	Comments
Processing Temperature	190 - 250 °C	374 - 482 °F	
Mold Temperature	30.0 - 40.0 °C	86.0 - 104 °F	

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