

Iran Petrochemical (PCC) LH0075 Low Density Polyethylene

Category : Polymer , Thermoplastic , Polyethylene (PE) , LDPE , Low Density Polyethylene (LDPE), Blow Molding Grade , Low Density Polyethylene (LDPE), Film Grade

Material Notes:

LH0075 is a high molecular weight low density polyethylene film grade combining good flexible extrusion behavior and superior mechanical properties. Applications: carrier bags, shrink film, industrial film, dust bin liners, large bottles, blow molding of small container, packaging of pharmaceutical products. Information provided by Iran Petrochemical Commercial Co.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Iran-Petrochemical-PCC-LH0075-Low-Density-Polyethylene.php

Physical Properties	Metric	English	Comments
Density	0.921 g/cc	0.0333 lb/in ³	TSTM 209 B
Melt Flow	0.75 g/10 min @Load 2.16 kg, Temperature 190 °C	0.75 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Stress	16.7 MPa	2420 psi	at Break, MD; ASTM D882
Elongation at Break	>= 300 %	>= 300 %	ASTM D882, MD
	>= 450 %	>= 450 %	ASTM D882, TD
Dart Drop Test	120 g	0.265 lb	ASTM D1709

Thermal Properties	Metric	English	Comments
Vicat Softening Point	94.0 °C	201 °F	ASTM D1525
Heat Distortion Temperature	33.0 °C	91.4 °F	ASTM D648

Processing Properties	Metric	English	Comments
Melt Temperature	180 - 210 °C	356 - 410 °F	

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