

## Iran Petrochemical (PCC) LF0200 Low Density Polyethylene

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

### Material Notes:

LF0200 is a high molecular weight low density polyethylene film grade combining good flexible extrusion behavior and superior mechanical properties. LF0200 contains antioxidant. Applications: general purpose bags, packaging of mechanical parts, industrial film, carrier bags, large bottles, coextruded milk bags, low tension power cable insulation, and industrial injection moldings. Information provided by Iran Petrochemical Commercial Co.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Iran-Petrochemical-PCC-LF0200-Low-Density-Polyethylene.php](http://www.lookpolymers.com/polymer_Iran-Petrochemical-PCC-LF0200-Low-Density-Polyethylene.php)

Physical Properties	Metric	English	Comments
Density	0.920 g/cc	0.0332 lb/in <sup>3</sup>	TSTM 209 B
Melt Flow	2.0 g/10 min @Load 2.16 kg, Temperature 190 °C	2.0 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Stress	15.7 MPa	2280 psi	at Break, MD; ASTM D882
Elongation at Break	>= 330 %	>= 330 %	ASTM D882, MD
	>= 600 %	>= 600 %	ASTM D882, TD
Dart Drop Test	100 g	0.221 lb	ASTM D1709

Thermal Properties	Metric	English	Comments
Softening Point	94.0 °C	201 °F	ASTM D1525

Optical Properties	Metric	English	Comments
Haze	15 %	15 %	ASTM D1003A
Gloss	60 %	60 %	ASTM D523

Processing Properties	Metric	English	Comments
Melt Temperature	160 - 180 °C	320 - 356 °F	

**Contact Songhan Plastic Technology Co.,Ltd.**

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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