

Technical Data Sheet

LF0200

Low Density Polyethylene

LF0200 is a high molecular weight low density polyethylene film grade combining good flexible extrusion behavior and superior mechanical properties. Film made from LF0200 exhibits high dart impact combined with excellent yield and tensile strength and high stiffness. Its toughness bears even in cold temperatures.

The film can be sealed on all types of machines. The film possesses good dimensional stability and is resistant to tearing and breaking. LF0200 contains antioxidant.

Applications

- General purpose bags
- Packaging of mechanical parts Industrial film
- Carrier bags large bottles
- Coextruded milk bags
- Low tension power cables insulation and industrial injection moldings

Properties	Units	Value	Test Method
Melt flow rate (MFR), 190 °C/2.16Kg	g/10 min	1.8-2.2	ASTM D1238
Density	g/ml	0.9190-0.9225	ASTM 209 B
Softening Temp	°C	92-96	ASTM D1525
Haze	%	15 max	ASTM D1003
Gloss @ 60	gu	60 min	ASTM D523
Elongation @Break (MD)	%	330 min	ASTM D882
Elongation @Break (TD)	%	600 min	ASTM D882
Tensile @Break	Kg/cm2	160 min	ASTM D882
Dart Impact	gr	100 min	ASTM D1709