

Technical Datasheet LF0200

1) Product Description:

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.

2) 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 mouldings.

3) Typical data:

PROPERTY	TEST METHOD	UNIT	TYPICAL VALUE*
M.F.I (190°C/2.16 kg)	ASTM D 1238	gr/10 min	2
Density	**TSTM 209B	gr/ml	0.920
Softening point	ASTM D 1525	°C	94
Haze	ASTM D 1003	%	15 max.
Gloss at 60	ASTM D 523	Gu	60 min.
Elongation at break (MD)	ASTM D 882	%	330 min.
Elongation at break (TD)	ASTM D 882	%	600 min.
Tensile at break (MD)	ASTM D 882	Kg/cm ²	160 min.
Dart impact	ASTM D 1709	gr	100 min.

* Typical values not to be construed as specifications.

** TSTM = Toyo Soda Standard Test Method The above data are typical laboratory average. They are intended to serve as guides only