

Technical Datasheet

LF0200

1) General Information

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:

LF0200 is well suited for wide range of applications due to its unique balance of properties. The superior mechanical properties will improve the functionality of the films. Examples; general purpose bags, packaging of mechanical parts, carrier bags, coextruded milk bags, low tension power cables insulation and industrial injection mouldings.

3) Typical data:

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

*TSTM = Toyo Soda Standard Test Method

The above data are typical laboratory average. They are intended to serve as guides only.

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