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Name:Product Data sheet – Low Density polyethylene
LF-0200

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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.

Typical Application

- 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.

Typical Data

TYPICAL TEST	UNIT	SPECIFICATION	TEST METHOD
M.F.I.	gr/10min	1.8-2.2	ASTM D-1238
Density	gr/ml	0919-.9225	TSTM-209 B
Softening Point	° C	92-96	ASTM D-1525
Elongation @ Break (MD)	%	min 330	ASTM D-882
Elongation @ Break (TD)	%	min 600	ASTM D-882
Tensile @ Break (MD)	kg/cm ²	Min160	ASTM D-882
HAZE	%	max15	ASTM D-1003
GLASS@60°	gu	Min60	ASTM D-523
Dart Impact. min	gr	Min 100	ASTM D-1709

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

Licensor

Licensor: TOSOH CORP

Processing Conditions

LF0200 can be easily processed in all types of extruders. The temperature of the polymer at the die output should be in the range of 160-180 °C. Minimum blow up ratio should be about 2 in order to keep a good balance of mechanical

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properties. To avoid blocking and shrinkage in the reel, the film temperature at the nip rollers and haul off should be kept as close as possible to the ambient temperature.

Packaging

Packing: 25 Kg plastic bags on pallet.

Food & Pharmaceutical Application

LF-0200 used in articles that contact food expect for articles for packaging or holding food during cooking.

Storage

The temperature Storage should be kept as close as possible to the ambient temperature& dry place.

Handling

LF-0200 is not a hazardous material in most of industrial operations. Please refer to the product Material Safety Data Sheet (MSDS).

Combustibility

Stable under normal temperature conditions and recommended use. The material can burn only upon heating to temperatures at above the Decomposition temperature. Combustion products include carbon monoxide, and carbon Dioxide. Please refer to the product Material Safety Data Sheet (MSDS).

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