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Product: LH0075

Producer: Bandar Imam Petrochemical Co.

Description:

LH0075 is a high molecular weight low density polyethylene film grade combining good flexible extrusion behavior and superior mechanical properties. Film made from LH0075 exhibits high dart impact combined with excellent yield and tensile strength and high stiffness. It can be processed on automatic machines. It possesses good dimensional stability. LH0075 is chiefly recommended for extrusion of blown film. It is suitable for shrink film having a high resistance to whole formation and high degree of shrinkage on cooling. LH0075 contains antioxidant

Application:

- Carrier bags
- Shrink film
- Industrial film
- Dust bin liners
- Large bottles
- Blow molding of small containers
- Packaging of pharmaceutical products

Typical Properties:

Typical Test	Units	Test Method	Spec
MELT INDEX	gr/10min	ASTM D-1238	0.68-0.85
DENSITY	gr/ml	BASEL	0.9190-0.9225
VICTA SOFT.TEMP	°C	ASTM D-1525	93-97
ELONGATION AT BREAK(TD), min	%	ASTM D-882	450
ELONGATION AT BREAK(MD), min	%	ASTM D-882	300
TENSILE AT BREAK(MD), min	Kg/cm ²	ASTM D-882	170
H.D. T	°C	ASTM D-648	30-36
DART IMPACT (min)	gr	ASTM D-1709	120

Licensor:

Disclaimer:

This information is based on our current knowledge and experience. In view of many factors that may affect processing and application, this data does not relive processors from the responsibility of carrying out their own tests and experiments, neither does it imply any legally binding assurance of certain properties or of suitability for a specific purpose. It is the responsibility of those to whom we supply our products to ensure that any proprietary rights and existing laws and legislation are observed.



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Processing Conditions:

LH0075 can be easily processed in all types of extruders. The temperature of the polymer at the die output should be in the range of 180-210 °C. In order to preserve the excellent mechanical properties, it is advisable to limit the predominant orientation of the film along the machine direction by working with a blow-up ratio of 2. The film temperature at the nip rollers and haul-off should be kept as close as possible to the ambient temperature

Packaging:

25 Kg plastic bag

Storage:

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

Safety:

LH-0075 is not a hazardous material in most of industrial operations. Please refer to the product Material Safety Data Sheet (MSDS)

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)

Related Documents:

Material Safety Data Sheet

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