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## Technical Datasheet

### LH0075

#### 1) General Information:

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 hole formation and high degree of shrinkage on cooling. LH0075 contains antioxidant.

#### 2) Applications:

LH0075 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 film. Some examples are; carrier bags, shrink film, industrial film, dust bin liners, large bottles, blow moulding of small containers, packaging of pharmaceutical products, packaging of foodstuffs and bottles for storage of chemical products.

#### 3) Specifications:

PROPERTIES	TEST METHOD	UNIT	TYPICAL VALUE*
MFI (190°C/2. 16 kg)	ASTM D 1238	g/10min	0.75
Density	* TSTM 209 B	gr/ml	0.920
Vicat softening point	ASTM D 1525	°C	95
Elongation @ break (MD)	ASTM D 882	%	300 min
Elongation @ break (TD)	ASTM D 882	%	450 min
Tensile at break MD	ASTM D 882	Kg/cm <sup>2</sup>	170 min
HDT	ASTM D 648	°C	33
Dart impact	ASTM D 1709	gr	120 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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