

## LH0075

### LOW DENSITY POLYETHYLENE

Property	Unit	Value	Test Method
<b>MFI (190°C/2. 16 kg)</b>	<b>gr/10min.</b>	<b>0.75</b>	<b>ASTM D 1238</b>
<b>Density</b>	<b>gr/ml</b>	<b>0.92</b>	<b>* TSTM 209 B</b>
<b>Vicat softening point</b>	<b>°C</b>	<b>95</b>	<b>ASTM D 1525</b>
<b>Elongation @ break (MD)</b>	<b>%</b>	<b>300 min.</b>	<b>ASTM D 882</b>
<b>Elongation @ break (TD)</b>	<b>%</b>	<b>450 min.</b>	<b>ASTM D 882</b>
<b>Tensile @ break (MD)</b>	<b>kg/cm<sup>2</sup></b>	<b>170 min.</b>	<b>ASTM D 882</b>
<b>HDT</b>	<b>°C</b>	<b>33</b>	<b>ASTM D 648</b>
<b>Dart impact</b>	<b>gr</b>	<b>120 min.</b>	<b>ASTM D 1709</b>

\* TSTM = Toyo Soda Standard Test Method

#### General Informations:

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.

#### 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.

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