

Technical Data Sheet

LH0075

Low Density Polyethylene

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:

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

Properties	Units	Value	Test Method
Melt flow rate (MFR),190 °C/2.16Kg	g/10 min	0.85	ASTM D1238
Density	g/ml	0.9190-0.9225	ASTM 209 B
vicat Softening Temp	°C	93-97	ASTM D1525
Elongation @Break(MD)	%	300 min	ASTM D882
Elongation @Break(TD)	%	450 min	ASTM D882
Tensile @Break	Kg/cm2	170 min	ASTM D882
HOT	°C	30-36	ASTM D648
Dart Impact	gr	120 min	ASTM D1709