

**NAME: LD -LH0030**

**Product Description:**

LH0030 is a high molecular weight low density polyethylene film grade combining good flexible extrusion behavior and superior mechanical properties.

**Applications:**

General packaging applications, particularly those requiring a measure of shrink.

**Typical Data: (Table)**

Film Properties Film properties have been measured at 45 µm with a bur of 3.

Properties	Value	Unit	Method
MFR (190°C/2.16kg)	0.3	Dg/min	ISO 1133
Density	0.921	g/cm <sup>3</sup>	ISO 1183(A)
Impact Strength	30	KJ/m	ASTM D 4272
Tear Strength(TD)	30	kN/m	ISO 6383-2
Tear Strength(MD)	30	kN/m	ISO 6383-2
Yield Stress (TD)	11	MPa	ISO 527
Yield Stress (MD)	11	MPa	ISO 527
Strain at Break(TD)	500	%	ISO 527
Strain at Break (MD)	200	%	ISO 527
Modulus of Elasticity (TD)	190	MPa	ISO 527
Modulus of Elasticity (MD)	190	MPa	ISO 527
Coefficient of friction	1	-	ASTM D 1894
Blocking	20	g	Sabtec
Re-blocking	10	g	Sabtec
Haze	14	%	ASTM D 1003A
Gloss	45	%	ASTM D 2457
Clarity	50	mV	Sabtec

The above data are typical laboratory average. They are intended to serve as guides only.

**Process conditions:**

LH0030 is a general purpose grade without additives. This grade offers high output and excellent drawdown.

Licensors: Sabtec CTR®

Packing: Supplied in pellet form and can be packaged in 25kg bags, 1-ton semi bulk or 17-ton bulk.