IPCC

LD –LH0030

1) Product Description:

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

2) Applications:

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

3) Typical data

Film Properties

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

Properties	Value	Unit	Test method
MFR (190°C/2.16kg)	0.3	Dg/min	ISO 1133
Density	0.921	g/cm^3	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.

4) Process conditions:

LH0030is a general purpose grade without additives. This grade offers high output and excellent drawdown.

Producer: Arya Sasol Petrochemical Co.
Licensor: Sabtec CTR®
Packing: Supplied in pellet form and can be packaged in 25kg bags, 1 ton semi bulk or 17 ton bulk.