

## Low Density Polyethylene LH0030

### Description:

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

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

### Application:

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

### Process Conditions:

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

**Producer:** Arya Sasol Petrochemical Company