

## LD –LF0190

**1) Product Description** LF01090 is a high molecular weight low density polyethylene film grade combining good flexible extrusion behavior and superior mechanical properties.

### 2) Applications:

- general pupose film and for lamination

### 3) Typical data

**Film Properties** Film properties have been measured at 25µm with a bur of 3.

Properties	Value	Unit	Test method
MFR (190°C/2.16kg)	1.9	Dg/min	ISO 1133
Density	0.921	g/cm <sup>3</sup>	ISO 1183(A)
Impact Strength	20	KJ/m	ASTM D 4272
Tear Strength(TD)	25	kN/m	ISO 6383-2
Tear Strength(MD)	70	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)	100	%	ISO 527
Modulus of Elasticity (TD)	190	MPa	ISO 527
Coefficient of friction	>1	-	ASTM D 1894
Modulus of Elasticity (MD)	190	MPa	ISO 527
Blocking	20	g	Sabtec
Re-blocking	50	g	Sabtec
Haze	12	%	ASTM D 1003A
Gloss	53	%	ASTM D 2457
Clarity	26	mV	Sabtec

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

### 4) Process conditions:

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.