

## LD –LF0250/KJ

**1) Product Description:** LF0250/KJ is a high molecular weight low density polyethylene film grade combining good flexible extrusion behavior and superior mechanical properties.

**2) Applications:**

- Packaging films

**3) Typical data**

<b>Film Properties</b> Film properties have been measured at 45µm with a bur of 3.			
<b>Properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test method</b>
MFR (190°C/2.16kg)	2.5	Dg/min	ISO 1133
Density	0.921	g/m <sup>3</sup>	ISO 1183(A)
Impact Strength	20	KJ/m	ASTM D 4272
Tear Strength(TD)	20	kN/m	ISO 6383-2
Tear Strength(MD)	50	kN/m	ISO 6383-2
Yield Stress (TD)	11	MPa	ISO 527
Yield Stress (MD)	13	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
Modulus of Elasticity (MD)	190	MPa	ISO 527
Coefficient of friction	0.2	-	ASTM D 1894
Blocking	< 5	g	Sabtec
Re-blocking	10	g	Sabtec
Haze	13	%	ASTM D 1003A
Gloss	50	%	ASTM D 2457
Clarity	30	mV	Sabtec

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

**4) Process conditions:**

LF0250/KJ is a general purpose grade with a high level of anti block and slip agent (E = erucamide). This grade offers good optical properties and an excellent draw down ability.

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.