



## LD –LF0250/KJ

### Low Density Polyethylene

#### Product Description

LF0250/KJ is a high molecular weight low density polyethylene film grade combining good flexible extrusion behaviour and superior mechanical properties.

#### Applications

- Packaging films

PROPERTIES	UNIT	TYPICAL VALUE	TEST METHOD
<b>MFR (190°C/2.16KG)</b>	Dg/min	2.5	ISO 1133
<b>DENSITY</b>	g/m <sup>3</sup>	0.921	ISO 1183(A)
<b>IMPACT STRENGTH</b>	KJ/m	20	ASTM D 4272
<b>TEAR STRENGTH(TD)</b>	KN/m	20	ISO 6383-2
<b>TEAR STRENGTH(MD)</b>	KN/m	50	ISO 6383-2
<b>YIELD STRESS (TD)</b>	MPa	11	ISO 527
<b>YIELD STRESS (MD)</b>	MPa	13	ISO 527
<b>STRAIN AT BREAK(TD)</b>	%	500	ISO 527
<b>STRAIN AT BREAK (MD)</b>	%	100	ISO 527
<b>MODULUS OF ELASTICITY (TD)</b>	MPa	190	ISO 527
<b>MODULUS OF ELASTICITY (MD)</b>	MPa	190	ISO 527
<b>COEFFICIENT OF FRICTION</b>	-	0.2	ASTM D 1894
<b>BL<sup>o</sup>CKING</b>	g	< 5	Sabtec
<b>RE-BL<sup>o</sup>CKING</b>	g	10	Sabtec
<b>HAZE</b>	%	13	ASTM D 1003A
<b>GLOSS</b>	%	50	ASTM D 2457
<b>CLARITY</b>	mV	30	Sabtec

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

#### Process conditions

LF0250/KJ is a general purpose grade with a high level of antiblock 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<sup>®</sup>

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

IMPORTANT: The information and data presented herein are based on values from respective product manufacture. Therefore, no warranty or guarantee, expressed or implied, is made nor is any accountability accepted with respect to the use of such information and data. All mentioned data are typical values and not to be considered as legally binding specification.