

LD –LS0085/KJ 1)

Product Description: LS0085/KJ is a high molecular weight low density polyethylene film grade combining good flexible extrusion behavior and superior mechanical properties.

2) Applications:

- Shrink packaging applications

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)	0.85	Dg/min	ISO 1133
Density	0.921	g/m ³	ISO 1183(A)
Impact Strength	30	KJ/m	ASTM D 4272
Tear Strength(TD)	30	kN/m	ISO 6383-2
Tear Strength(MD)	40	kN/m	ISO 6383-2
Yield Stress (TD)	11	MPa	ISO 527
Yield Stress (MD)	12	MPa	ISO 527
Strain at Break(TD)	500	%	ISO 527
Strain at Break (MD)	200	%	ISO 527
Modulus of Elasticity (TD)	170	MPa	ISO 527
Modulus of Elasticity (MD)	160	MPa	ISO 527
Coefficient of friction	0.1	-	ASTM D 1894
Blocking	10	g	Sabtec
Re-blocking	30	g	Sabtec
Haze	12	%	ASTM D 1003A
Gloss	49	%	ASTM D 2457
Clarity	37	mV	Sabtec

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

4) Process conditions:

LS0085/KJ is a grade with good toughness and good bi-axial shrink properties. The material contains a high anti-block level and medium level of slip agent (Erucamide). The grade has low energy consumption and has a good draw down ability.

Producer: Arya Sasol Petrochemical Co.

Licenser: Sabtec CTR®

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