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LOW-DENSITY POLYETHYLENE LFI2185

"LFI2185" is a high molecular weight, low-density polyethylene, with good toughness and good biaxial shrink properties. It contains no slip and anti-block additives. This grade offers good melt strength and draw-down ability during processing. LFI 2185 has been manufactured under SABTEC-licensed technology.

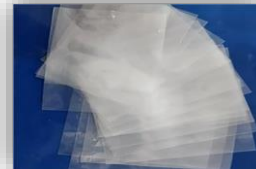
Producer:

Arya Sasol Petrochemical Company

NO	Property	Value	Units	Test Method
1	MFI (190 °C/2.16 Kg)	0.85	dg/min	ISO 1133
2	Density	921	Kg/m ³	ISO 1183 (A)
3	Impact Strength	28	KJ/m	ASTM D4272
4	Tear Strength (TD)	30	KN/m	ISO 6383-2
5	Tear Strength (MD)	40	KN/m	ISO 6383-2
6	Yield Stress (TD)	11	MPa	ISO 527-1,3
7	Yield Stress (MD)	12	MPa	ISO 527-1,3
8	Tensile Stress at Break (TD)	21	MPa	ISO 527-1,3
9	Tensile Stress at Break (MD)	24	MPa	ISO 527-1,3
10	Strain at Break (TD)	> 500	%	ISO 527-1,3
11	Strain at Break (MD)	> 200	%	ISO 527-1,3
12	Modulus of Elasticity (TD)	170	MPa	ISO 527-1,3
13	Modulus of Elasticity (MD)	160	MPa	ISO 527-1,3
14	Coefficient of Friction	1	-	ASTM D 1894
15	Blocking	40	g	ASTM D3354
16	Re-blocking	140	g	SABTEC method
17	Haze	9	%	ASTM D 1003 A
18	Gloss (45°)	60	GU	ASTM D 2457
19	Clarity	27	mV	SABTEC method
20	Extruder temperature profile: 175-190 °C Blow up ratio: 2-4 Film thickness: 45-100 µm			

Applications:

- Blown film extrusion- Thin packaging films and bags- Thin shrink films.



For more information, Price lists & direct purchases, please get in touch with us
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