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LOW-DENSITY POLYETHYLENE LFI2125A

"LFI2125A" is a low-density polyethylene, with a medium level of anti-block and slip agent (Erucamide) additives. This grade offers good optical properties, low energy consumption, adequate COF level, and excellent draw-down ability during processing. LFI 2125A 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)	2.5	dg/min	ISO 1133
2	Density	921	Kg/m ³	ISO 1183
3	Impact Strength	23	KJ/m	ASTM D4272
4	Tear Strength (TD)	25	KN/m	ISO 6383-2
5	Tear Strength (MD)	70	KN/m	ISO 6383-2
6	Yield Stress (TD)	11	MPa	ISO 527-1,3
7	Yield Stress (MD)	13	MPa	ISO 527-1,3
8	Tensile Stress at Break (TD)	19	MPa	ISO 527-1,3
9	Tensile Stress at Break (MD)	30	MPa	ISO 527-1,3
10	Strain at Break (TD)	> 500	%	ISO 527-1,3
11	Strain at Break (MD)	> 100	%	ISO 527-1,3
12	Modulus of Elasticity (TD)	180	MPa	ISO 527-1,3
13	Modulus of Elasticity (MD)	190	MPa	ISO 527-1,3
14	Coefficient of Friction	0.2	-	ASTM D1894
15	Blocking	< 5	g	ASTM D3354
16	Re-blocking	0	g	SABTEC method
17	Haze	9	%	ASTM D1003 A
18	Gloss (45°)	60	%	ASTM D2457
19	Clarity	30	%	SABTEC method
20	Extruder temperature profile: 170 -190°C		Blow up ratio: 2-3	Film thickness: 20-50 µm

Applications:

- Blown film extrusion- Packaging film for food and goods- General lamination films



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