

LFI 2119

Technical Datasheet

1) Product Description:

LFI2119 is a low-density polyethylene, with excellent optical properties. This grade offers high output and excellent drawdown and specially designed for general-purpose thin films. LFI2119 has been manufactured under SABTEC licensed technology.

2) Applications:

- Blown film extrusion
- packaging film
- general lamination film

3) Typical data:

Property	Test method	Unit	value
MFI (190 °C /2.16 Kg)	ISO 1133	dg/min	1.9
Density	ISO 1183	Kg/m ³	921
Impact Strength	ASTM D4272	KJ/ M	26
Tear Strength(TD)	ASTM D6383-2	KN/ M	25
Tear Strength(MD)	ASTM D6383-2	KN/ M	60
Yield Stress (TD)	ISO 527-1,3	MPA	11
Yield Stress (MD)	ISO 527-1,3	MPA	13
Tensile Stress at Break (TD)	ISO 527-1,3	MPA	20
Tensile Stress at Break (MD)	ISO 527-1,3	MPA	35
Strain at Break(TD)	ISO 527-1,3	%	>500
Strain at Break(MD)	ISO 527-1,3	%	>150
Modulus of Elasticity (TD)	ISO 527-1,3	MPA	200
Modulus of Elasticity (MD)	ISO 527-1,3	MPA	190
Coefficient of Friction	ASTM D1894	-	>1
Blocking	ASTM D3354	g	20
Re-blocking	SABTEC method	g	100
Haze	ASTM D1003 A	%	9
Gloss (45°)	ASTM D2457	GU	55

* Typical values not to be construed as specifications.