



## Technical Datasheet: LFI 2119

### 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.

### Applications:

- Blown film extrusion
- packaging film
- general lamination film

### Typical data:

Property	Test method	Unit	value
MFI (190 °C / 1.16 Kg)	ISO 1133 <sup>2</sup>	dg/min	1.9
Density	ISO 1183 <sup>2</sup>	Kg/m <sup>3</sup>	971
Impact Strength	ASTM D2240 <sup>2</sup>	KJ/ M	26
Tear Strength(TD)	ASTM D2240 <sup>2</sup>	KJ/ M	25
Tear Strength(MD)	ASTM D2240 <sup>2</sup>	KJ/ M	60
Yield Stress (TD)	ISO 527-1 <sup>2</sup>	MPA	11
Yield Stress (MD)	ISO 527-1 <sup>2</sup>	MPA	13
Tensile Stress at Break (TD)	ISO 527-1 <sup>2</sup>	MPA	20
Tensile Stress at Break (MD)	ISO 527-1 <sup>2</sup>	MPA	35
Strain at Break (TD)	ISO 527-1 <sup>2</sup>	%	>500
Strain at Break (MD)	ISO 527-1 <sup>2</sup>	%	>150
Modulus of Elasticity (TD)	ISO 527-1 <sup>2</sup>	MPA	200
Modulus of Elasticity (MD)	ISO 527-1 <sup>2</sup>	MPA	190
Coefficient of Friction	ASTM D1894 <sup>2</sup>	-	>1
Blocking	ASTM D3358 <sup>2</sup>	g	20
Re-blocking	SABTEC method	g	100
Haze	ASTM D1003 <sup>2</sup> A	%	9
Gloss (F5°)	ASTM D2457 <sup>2</sup>	GU	55