

## Product Data Sheet

# LFI 2119

Low Density Polyethylene

### 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.

### General Information

<b>Status</b>	Commercial: Active		
<b>Application</b>	Blown film extrusion, packaging film, general lamination film		
<b>Form(s)</b>	Pellet		
<b>Attribute</b>	Very good optical properties, good toughness, good melt strength		
<b>Additives</b>	Antioxidant: Yes	Antiblock : No	Slip Agent : No

Typical Properties	Typical Value <sup>1</sup>	Unit	Test Method
<b>Physical</b>			
MFI (190 °C /2.16 Kg)	1.9	dg/min	ISO 1133
Density <sup>2</sup>	921	Kg/m <sup>3</sup>	ISO 1183 (A)
<b>Mechanical <sup>3</sup></b>			
Impact Strength	26	kJ/m	ASTM D4272
Tear Strength (TD)	25	kN/m	ISO 6383-2
Tear Strength (MD)	60	kN/m	ISO 6383-2
Yield Stress (TD)	11	MPa	ISO 527-1,3
Yield Stress (MD)	13	MPa	ISO 527-1,3
Tensile Stress at Break (TD)	20	MPa	ISO 527-1,3
Tensile Stress at Break (MD)	35	MPa	ISO 527-1,3
Strain at Break (TD)	> 500	%	ISO 527-1,3
Strain at Break (MD)	> 150	%	ISO 527-1,3
Modulus of Elasticity (TD)	200	MPa	ISO 527-1,3



bad

TEC-PRO-PDS



Storage conditions which may lead to quality deterioration such as color change, bad smell and inadequate product performance.

The information provided in this Product Data Sheet has been based upon the current level of knowledge and experience. They are not to be interpreted as a warranty for specific product characteristics. In view of the many factors that may affect processing and application, these data do not relieve processors of the responsibility of carrying out their own tests and experiments; neither do they imply any legally binding assurance of certain properties or of suitability for a specific purpose. Customer is responsible for determining whether the products and the information in this document are appropriate for customer's use and for ensuring that customer's workplace and disposal practices are in compliance with applicable laws and other governmental enactments. Seller assumes no obligation or liability for the information in this document.

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