

## PRODUCT DATA SHEET

Product Category	Product Name	Grade
Polymers	POLYETHYLENE – LDPE	2119

Property	Value	Unit	Test Method
MFI(190 0C /2 .16 Kg )	1.9	dg/min	ISO1133
Density	921	Kg/m <sup>3</sup>	ISO 1183 (A)
Impact strength	26	KJ/m	ASTM D 4272
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
Yield stress (MD)	13	MPa	ISO 527
Tensile stress at break (TD)	20	MPa	ISO 527
Tensile stress at break (MD)	35	MPa	ISO 527
Strain at Break (TD)	>500	%	ISO 527
Strain at Break (MD)	>150	%	ISO 527
Modulus of Elasticity (TD)	200	MPa	ISO 527
Modulus of Elasticity (MD)	190	MPa	ISO 527
Coefficient of friction	>1		ASTM D 1894
Blocking	20	g	SABTEC method
Re-blocking	100	g	SABTEC method
Haze	9	%	ASTM D 1003A
Gloss (45o)	55	%	ASTM D 2457
Clarity	26	mV	

<b>Application</b>	Blown film extrusion, Packaging and general lamination films.
<b>Characteristics</b>	Excellent optical properties, A high output and excellent draw down and specially designed for general purpose thin films. Properties are based on 25 µm blown film produced at a melt temperature of 170°C and 3 BUR using 100% LFI2119.
<b>Packaging</b>	25 Kg plastic bag