



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/m3	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	

Application	2119 is suitable for general purpose film and for lamination.
Packaging	25 Kg plastic bag