

TM2119XORLF0190

Low Density Polyethylene

Film properties have been measured at 25µm with a BUR of 3.

Properties	Value	unit	Test method
Physical Properties			
MFI (190 °C / 2 .16 Kg)	1.9	dg/min	ISO 1133
Density	921	Kg/m3	ISO 1183 (A)
Mechanical properties			
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) Tensile stress at break (MD)	20	MPa MPa	ISO 527
	35		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
Optical properties			
Haze	9	%	ASTM D 1003A
Gloss (45°)	55	%	ASTM D 2457
Clarity	26	mV	
Additive : Antioxidant			

Application: LTM 2119X is suitable for general purpose film and for lamination

General information: LTM 2119 X has been manufactured using SABTEC licensed technology.

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