

Producer: ASPC / Iran

LTM 2119 - 2102TX00

Application:

LTM 2119 is suitable for general purpose film and for lamination.

PROPERTIES	VALUE	UNIT	TEST METHOD
<u>Physical Properties</u>			
MFI (190°C/2.16 Kg.)	1.9	dg/min	ISO 1133
Density	921	Kg/m ³	ISO 1183 (A)
<u>Mechanical properties</u>			
Impact strength	20	KJ/m	ASTM D 4272
Tear strength (TD)	25	KN/m	ISO 6383-2
Tear strength (MD)	70	KN/m	ISO 6383-2
Yield Stress (TD)	11	MPa	ISO 527
Yield Stress (MD)	11	MPa	ISO 527
Strain at break (TD)	>500	%	ISO 527
Strain at break (MD)	>100	%	ISO 527
Modulus of elasticity (TD)	190	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	50	g	SABTEC method
<u>Optical Properties</u>			
Haze (45 ⁰)	12	%	ASTM D 2457 ASTM D 1003A
Gloss	53	%	ASTM D 2457
Clarity	26	mV	
Additive : Anti Oxidant			

Film properties have been measured at 45µm with a bur of 3.

General information :

LTM 2119 X has been manufactured using SABTEC licensed technology and the appropriate manufacturing parameters and hence is equivalent to **SABTEC® LDPE 2102 TX00** grade.