



# LDPE (LTM 2119X)

Physical Properties	UNIT	Value	TEST METHOD
MFI (190 OC /2 .16 Kg )	dg/min	1.9	ISO 1133
Density	Kg/m3	921	ISO 1183 (A)
Mechanical properties			
Impact strength	KJ/m	26	ASTM D 4272
Tear strength (TD)	KN/m	25	ISO 6383-2
Tear Strength (MD)	KN/m	60	ISO 6383-2
Yield stress (TD)	MPa	11	ISO 527
Yield stress (MD)	MPa	13	ISO 527
Tensile stress at break (TD)	MPa	20	ISO 527
Tensile stress at break (MD)	MPa	35	ISO 527
Strain at Break (TD)	%	>500	ISO 527
Strain at Break (MD)	%	>150	ISO 527
Modulus of Elasticity (TD)	MPa	200	ISO 527
Modulus of Elasticity (MD)	MPa	190	ISO 527
Coefficient of friction		>1	ASTM D 1894
Blocking	g	20	SABTEC method
Re-blocking	g	100	SABTEC method
Optical properties			
Haze	%	9	ASTM D 1003A
Gloss (45o)	%	55	ASTM D 2457
Clarity	mV	26	SABTEC method

## APPLICATION

Additive

Antioxidant

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