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LDPE (LTM 2447/47)

Physical Properties	UNIT	Value	TEST METHOD
MFI (190 0C /2 .16 Kg)	dg/min	4.7	ISO 1133
Density	Kg/m3	924	ISO 1183 (A)
Mechanical properties			
Impact strength	KJ/m	13	ASTM D 4272
Tear strength (TD)	KN/m	30	ISO 6383-2
Tear Strength (MD)	KN/m	90	ISO 6383-2
Yield stress (TD)	MPa	13	ISO 527
Yield stress (MD)	MPa	13	ISO 527
Tensile stress at break (TD)	MPa	16	ISO 527
Tensile stress at break (MD)	MPa	27	ISO 527
Strain at Break (TD)	%	>450	ISO 527
Strain at Break (MD)	%	>100	ISO 527
Modulus of Elasticity (TD)	MPa	250	ISO 527
Modulus of Elasticity (MD)	MPa	230	ISO 527
Coefficient of friction		0.2	ASTM D 1894
Blocking	g	<5	SABTEC method
Re-blocking	g	20	SABTEC method
Optical properties			
Haze	%	9	ASTM D 1003A
Gloss (45o)	%	55	ASTM D 2457
Clarity	mV	28	SABTEC method

APPLICATION

Additive Antioxidant , Slip agent, Anti blocking agent

stiffer thin films for textile packaging