



## LDPE (LTM 2125/37)

Physical Properties	UNIT	Value	TEST METHOD
MFI (190 OC /2 .16 Kg )	dg/min	2.5	ISO 1133
Density	Kg/m3	921	ISO 1183 (A)
Mechanical properties			
Impact strength	KJ/m	23	ASTM D 4272
Tear strength (TD)	KN/m	25	ISO 6383-2
Tear Strength (MD)	KN/m	70	ISO 6383-2
Yield stress (TD)	MPa	11	ISO 527
Yield stress (MD)	MPa	13	ISO 527
Tensile stress at break (TD)	MPa	19	ISO 527
Tensile stress at break (MD)	MPa	30	ISO 527
Strain at Break (TD)	%	>500	ISO 527
Strain at Break (MD)	%	>100	ISO 527
Modulus of Elasticity (TD)	MPa	180	ISO 527
Modulus of Elasticity (MD)	MPa	190	ISO 527
Coefficient of friction		0.2	ASTM D 1894
Blocking	g	<5	SABTEC method
Re-blocking	g	0	SABTEC method
Optical properties			
Haze	%	9	ASTM D 1003A
Gloss (45o)	%	60	ASTM D 2457
Clarity	mV	30	SABTEC method

### APPLICATION

Additive

Antioxidant , Slip agent, Anti blocking agent

packaging films and is especial suitable when ultimate down gauging is required.