



## LDPE (LTM 2047/37)

Physical Properties	UNIT	Value	TEST METHOD
MFI (190 OC /2 .16 Kg )	dg/min	4.7	ISO 1133
Density	Kg/m3	920	ISO 1183 (A)
<b>Mechanical properties</b>			
Impact strength	KJ/m	15	ASTM D 4272
Tear strength (TD)	KN/m	25	ISO 6383-2
Tear Strength (MD)	KN/m	80	ISO 6383-2
Yield stress (TD)	MPa	11	ISO 527
Yield stress (MD)	MPa	12	ISO 527
Tensile stress at break (TD)	MPa	15	ISO 527
Tensile stress at break (MD)	MPa	27	ISO 527
Strain at Break (TD)	%	>500	ISO 527
Strain at Break (MD)	%	100	ISO 527
Modulus of Elasticity (TD)	MPa	200	ISO 527
Modulus of Elasticity (MD)	MPa	200	ISO 527
Coefficient of friction		0.2	ASTM D 1894
Blocking	g	20	SABTEC method
Re-blocking	g	10	SABTEC method
<b>Optical properties</b>			
Haze	%	9	ASTM D 1003A
Gloss (45o)	%	55	ASTM D 2457
Clarity	mV	21	SABTEC method

### APPLICATION

Additive

Antioxidant , Slip agent, Anti blocking agent

thin film, requiring very good optical properties and thus very suitable for laundry and textile packaging