



LDPE (LTL 2185/47)

Physical Properties	UNIT	Value	TEST METHOD
MFI (190 OC /2 .16 Kg)	dg/min	0.85	ISO 1133
Density	Kg/m3	921	ISO 1183 (A)
Mechanical properties			
Impact strength	KJ/m	30	ASTM D 4272
Tear strength (TD)	KN/m	30	ISO 6383-2
Tear Strength (MD)	KN/m	40	ISO 6383-2
Yield stress (TD)	MPa	11	ISO 527
Yield stress (MD)	MPa	12	ISO 527
Tensile stress at break (TD)	MPa	21	ISO 527
Tensile stress at break (MD)	MPa	24	ISO 527
Strain at Break (TD)	%	>500	ISO 527
Strain at Break (MD)	%	>200	ISO 527
Modulus of Elasticity (TD)	MPa	170	ISO 527
Modulus of Elasticity (MD)	MPa	160	ISO 527
Coefficient of friction		0.1	ASTM D 1894
Blocking	g	10	SABTEC method
Re-blocking	g	30	SABTEC method
Optical properties			
Haze	%	11	ASTM D 1003A
Gloss (45o)	%	55	ASTM D 2457
Clarity	mV	37	SABTEC method

APPLICATION

shrink package

Additive

Antioxidant , Slip agent, Anti blocking agent