



## Low Density Polyethylene (LDPE) - Film - LFI2130

Property	Unit	Test	Value
MFI(190 0C /2 .16 Kg )	Dg/min	ISO 1133	0.3
Density	Kg/m3	ISO 1183 (A)	921
Mechanical properties			
Impact strength	KJ/m	ASTM D 4272	31
Tear strength (TD)	KN/m	ISO 6383-2	45
Tear Strength (MD)	KN/m	ISO 6383-2	20
Yield stress (TD)	MPa	ISO 527	10
Yield stress (MD)	MPa	ISO 527	11
Tensile Stress at break (TD)	MPa	ISO 527	24
Tensile Stress at break (MD)	MPa	ISO 527	22
Strain at Break (TD)	%	ISO 527	>500
Strain at Break (MD)	%	ISO 527	>350
Modulus of Elasticity (TD)	MPa	ISO 527	150
Modulus of Elasticity (MD)	MPa	ISO 527	140
Coefficient of friction	ASTM D 1894		0.7
Blocking	g	SABTEC method	<5
Re-blocking	g	SABTEC method	20
Optical properties			
Haze	%	ASTM D 1003A	12
Gloss (45o )	%	ASTM D 2457	55
Clarity	mV	SABTEC method	50
Additive :Antioxidant			