



Low Density Polyethylene (LDPE) - Film - LFI2125A

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