



Low Density Polyethylene (LDPE) - Film - LFI2119

Property	Unit	Test	Value
MFI (190 0C /2 .16 Kg)	dg/min	ISO 1133	1.9
Density	Kg/m3	ISO 1183 (A)	921
Mechanical properties (2)			
Impact strength	KJ/m	ASTM D 4272	26
Tear strength (TD)	KN/m	ISO 6383-2	25
Tear Strength (MD)	KN/m	ISO 6383-2	60
Yield stress (TD)	MPa	ISO 527	11
Yield stress (MD)	MPa	ISO 527	13
Tensile stress at break (TD)	MPa	ISO 527	20
Tensile stress at break (MD)	MPa	ISO 527	35
Strain at Break (TD)	%	ISO 527	>500
Strain at Break (MD)	%	ISO 527	>150
Modulus of Elasticity (TD)	MPa	ISO 527	200
Modulus of Elasticity (MD)	MPa	ISO 527	190
Coefficient of friction	ASTM D 1894		>1
Blocking	g	SABTEC method	20
Re-blocking	g	SABTEC method	100
Optical properties (2)			
Haze	%	ASTM D 1003A	9
Gloss (45o)	%	ASTM D 2457	55
Clarity	mV		26
Additive : Antioxidant			