



Low Density Polyethylene (LDPE) - Film - LFI2047A

Property	Unit	Test	Value
MFI (190 0C /2 .16 Kg)	dg/min	ISO 1183 (A)	ISO 1133
Density	Kg/m ³		4.7
Mechanical properties (2)			920
Impact strength	KJ/m	ASTM D 4272	
Tear strength (TD)	KN/m	ISO 6383-2	15
Tear Strength (MD)	KN/m	ISO 6383-2	25
Yield stress (TD)	MPa	ISO 527	80
Yield stress (MD)	MPa	ISO 527	11
Tensile Stress at break (TD)	MPa	ISO 527	12
Tensile Stress at break (MD)	MPa	ISO 527	15
Strain at Break (TD)	%	ISO 527	27
Strain at Break (MD)	%	ISO 527	>500
Modulus of Elasticity (TD)	MPa	ISO 527	100
Modulus of Elasticity (MD)	MPa	ISO 527	200
Coefficient of friction	ASTM D 1894		200
Blocking	g	SABTEC	0.2
Re-blocking	g	method	20
Optical properties (2)		SABTEC	10
Haze	%	method	
Gloss(45o)	%		9
Clarity	mV	ASTM D	55
Additive: Antioxidant , Slip agent,		1003A	21
Anti blocking agent		ASTM D 2457	