



## Technical Datasheet: LF0190

### Product Description:

LF0190 is a high molecular weight low density polyethylene film grade combining good flexible extrusion behavior and superior mechanical properties.

### Applications:

- general purpose film and for lamination

### Typical data:

Property	Test method	Unit	value
MFR (190°C/2.16 kg)	ISO 1133	Dg/min	1.9
Density	ISO 1183(A)	g/cm <sup>3</sup>	0921
Impact Strength	ASTM D 4272	KJ/m	20
Tear Strength (TD)	ISO 6383-2	kN/m	25
Tear Strength (MD)	ISO 6383-2	kN/m	70
Yield Stress (TD)	ISO 527	MPa	11
Yield Stress (MD)	ISO 527	MPa	11
Strain at Break (TD)	ISO 527	%	500
Strain at Break (MD)	ISO 527	%	100
Modulus of Elasticity (TD)	ISO 527	MPa	190
Coefficient of friction	ASTM D 1894	--	>1
Modulus of Elasticity (MD)	ISO 527	MPa	190
Blocking	Sabtec	g	20
Re-blocking	Sabtec	g	50
Haze	ASTM D 1003A	%	12
Gloss	ASTM D 2457	%	53
Clarity	Sabtec	mV	26