

Low Density Polyethylene LF0190

Description:

LF01090 is a high molecular weight low density polyethylene film grade combining good flexible extrusion behavior and superior mechanical properties.

Properties	Test Method	Unit	Value
MFR (190°C/2.16kg)	ISO 1133	Dg/min	1.9
Density	ISO 1183(A)	g/cm ³	0.921
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
Modulus of Elasticity (MD)	ISO 527	MPa	190
Coefficient of friction	ASTM D 1894	-	>1
Blocking	Sabtec	g	20
Re-blocking	Sabtec	g	50
Haze	ASTM D 1003A	%	12
Gloss	ASTM D 2457	%	53
Clarity	Sabtec	mV	26

Application:

General purpose film and for lamination.

Process Conditions:

A general purpose grade without additives. This grade offers high output and excellent drawdown.

Producer: Arya Sasol Petrochemical Company

Petplas