

LLDPE m1918

Linear Low Density Polyethylene -
Metallocene



Overview

mLLDPE 1918 features superb clarity, excellent gloss, excellent toughness, and outstanding heat seal.

Applications

- Seal Layer in Coextrusions
- Heavy Duty Packaging
- Clarity Packaging

Property	Value	Unit	ASTM
Melt index (condition 230°C/2.16 kg)	1	g/10 min	D 1238
Density (g/cm ³)	0.918	g/cm ³	D 792
Elmendorf Tear Strength (MD/TD)	230/440	g	D1922
Dart Drop Impact	600	g	D1709A
Tensile Strength at Yield (MD/TD)	1850/1400	psi	D882
Tensile Strength at Break (MD/TD)	8300/6650	psi	D882
Elongation (MD/TD)	450/560	%	D882
Flexural Modulus — 1% Secant (MD/TD)	240,000/273,000	psi	D882
Gloss	103		D2457
Haze	9	%	D1003
Seal Initiation Temperature	216	°F	F88

Available grade:

LLDPE m1918.SA: Additives - Slip 1000 ppm, Antiblock - 5000 ppm.