

LLDPE m1917

Metallocene Linear Low Density
Polyethylene



Overview

Films made of LLDPE m1917 have outstanding heat seal properties, toughness, excellent gloss and clarity.

This grade can be provided without Slip and Antiblock (LLDPE m1917.B) or with slip and antiblock (LLDPE m1917.SA)

Applications

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

Property	Value	Unit	ASTM
Melt index (condition 230°C/2.16 kg)	1.00	g/10 min	D 1238
Density (g/cm ³)	0.918	g/cm ³	D 792
Haze	9	%	D1003
Gloss (60°)	103		D2457
Dart Drop Impact	600	gm/mil	D1709
Elmendorf Tear Strength MD/TD	230/440	gm/mil	D1922
Tensile Strength at Yield MD/TD	1850/1400	psi	D882
Tensile Strength at Break MD/TD	8300/6650	psi	D882
Elongation at Break MD/TD	450/650	%	D882
Secant Modulus, 1% Secant MD/TD	240000/273000	psi	D882
Seal Initiation Temperature	216	°F	F88

Additives - Slip 1000 ppm, Antiblock 5000 ppm