

LLDPE H3920

Linear Low Density Polyethylene



Overview

Key Characteristics: Excellent Processability, Excellent Drawdown, and Good Stiffness.

Applications

- Cast film
- Cast stretch film
- Packaging films

Property	Value	Unit	ASTM
Melt index (condition 230°C/2.16 kg)	3.2	g/10 min	D 1238
Density (g/cm ³)	0.918	g/cm ³	D 792
Tensile Strength at Yield MD/TD	1180/1110	psi	D882
Tensile Strength at Break MD/TD	9450/5610	psi	D882
Elongation at Break MD/TD	530/830	%	D882
Secant Modulus, 1% Secant MD/TD	16500/18000	psi	D882
Elmendorf Tear Strength MD/TD	200/700	gm/mil	D1922
Dart Drop Impact	80	gm/mil	D1709
Puncture Energy	26.0	in-lb	
Specular Gloss @ 45°	90		D2457
Haze	1.8	%	D1003

FDA Status: This material complies with FDA regulations in 21 CFR, section 177.1520.