

LLH2018

Melt Index 2.0

Density 0.918

Material Properties - Hexene

Properties	Test Method ¹	Unit	Typical Value ²
Melt Index ³	D 1238	g/10 min	2.0
Density	D 792	g/cm ³	0.918
Film⁴			
Tear Strength, MD TD	D 1922	g	260
	D 1922	g	420
Dart Drop Impact, F ₅₀	D 1709/A	g	100
Tensile Strength, MD TD	D 882	psi (MPa)	5,700 (39)
	D 882	psi (MPa)	4,200 (29)
Yield Strength, MD TD	D 882	psi (MPa)	1,500 (10)
	D 882	psi (MPa)	1,500 (10)
Elongation, MD TD	D 882	%	500
	D 882	%	780
1 % Secant Modulus, MD TD	D 882	psi (MPa)	21,800 (150)
	D 882	psi (MPa)	24,700 (170)
Haze	D 1003	%	2
Gloss @ 45°	D 2457		90

¹ Properties designated have been determined using methods which are in accordance with, or substantially in accordance with, the specified testing standards.

² Typical Values represent average laboratory values and are intended as guides only, not as specifications.

³ Condition 190°C/2/16kg.

⁴ Film properties are typical of cast film extruded at a melt temperature of 500°F, and a line speed of 800ft/min.

- LLH2018 has exceptional toughness and low gel level.
- Applications for LLH2018 include cast stretch wrap.
- Osterlene LLH2018 meets the requirements of the Food and Drug Administration, 21 CFR Section 177.1520. This regulation allows the use of this olefin polymer in "...articles or components of articles intended for use in contact with food." Specific limitations may apply. Contact your Osterman sales representative for more information.