

**LLSH0917**

**Melt Index 0.90**

**Density 0.917**

### Material Properties - Super Hexene

Properties <sup>1</sup>	Test Method	Unit	Typical Value
Melt Index (190°C/2.16kg)	D 1238	g/10 min	0.90
Density	Supplier Method	g/cm <sup>3</sup>	0.917
Peak Melting Temperature	Supplier Method	°F (°C)	257° (125°)
<b>Film</b>			
Tensile Strength @ Yield, MD (TD)	D 882	psi	1,300 (1,400)
Tensile Strength @ Break, MD (TD)	D 882	psi	9,100 (7,400)
Elongation @ Break, MD (TD)	D 882	%	630 (720)
Secant Modulus - 1% Secant, MD (TD)	D 882	psi	24,000 (27,000)
Dart Drop Impact	D 1709A	g	330
Elmendorf Tear Strength, MD (TD)	D 1922	g	460 (600)
Puncture Force	Supplier Method	lbf	10
Puncture Energy	Supplier Method	in-lb	32
<b>Optical Properties</b>			
Gloss (45°)	D 2457		37
Haze	D 1003	%	17

Product	LLSH0917	LLSH0917A	LLSH0917SAH
Slip	0	0	Yes
Antiblock	0	Yes	Yes
PPA	0	0	0

- LLSH0917 is a super strength hexene copolymer LLDPE film resin. This product has outstanding toughness properties, especially impact and tear strength, compared to other hexene polymers. It is stabilized for blown film extrusion and does not contain slip or antiblock, making it well suited for blown stretch wrap.
- Osterlene LLSH0917 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.