

**LL01020**

**Melt Index 1.0**

**Density 0.920**

### Material Properties - Octene

Properties <sup>1</sup>	Test Method	Unit	Typical Value
Melt Index	D 1238	g/10 min	1.0
Density	D 792	g/cc	0.920
Vicat Softening Point	D 1525	°F (°C)	219
<b>Film @ 2.0 mil</b>			
Elmendorf Tear Strength, MD (TD)	D 1922	g	810 (1,225)
Dart Impact Strength (Method A)	D 1709	g	310
Ultimate Tensile Strength, MD (TD)	D 882	psi	5,165 (4,230)
Yield Strength, MD (TD)	D 882	psi	1,510 (1,685)
Ultimate Elongation, MD (TD)	D 882	%	620 (680)
Tensile Modulus 2% Secant, MD (TD)	D 882	psi	27,875 (33,650)
Haze	D 1003	%	12
Gloss @ 45°	D 2457		65

<sup>1</sup> The nominal properties reported herein are typical of the product but do not reflect normal testing variance and therefore should not be used for specification purposes.

Product	LL01020	LL01020SA	LL01020AP	LL01020SAP
Slip	0	1,150	0	1,000
Antiblock	0	3,000	3,000	2,500
PPA			Yes	Yes

- LL01020 is an octene linear low density polyethylene with easy processability, high toughness and excellent seal properties. In food packaging applications this resin possesses high strength.
- Osterlene LL01020 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.