

## NOVA Chemicals Sclair® 11L1 Octene LLDPE Film Resin (discontinued \*\*)

Category : Polymer , Film , Thermoplastic , Polyethylene (PE) , LLDPE , Linear Low Density Polyethylene (LLDPE)/Octene, Film

### Material Notes:

Film Properties. Features: Low gel, excellent seal characteristics, easy processability. Applications: Specialty lamination, co-extrusion, food and liquid packaging. Data provided by the manufacturer.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_NOVA-Chemicals-Sclair-11L1-Octene-LLDPE-Film-Resin-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_NOVA-Chemicals-Sclair-11L1-Octene-LLDPE-Film-Resin-nbspdiscontinued-.php)

Physical Properties	Metric	English	Comments
Density	0.920 g/cc	0.0332 lb/in <sup>3</sup>	ASTM D792
Melt Flow	0.72 g/10 min @Load 2.16 kg, Temperature 190 °C	0.72 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Film Tensile Strength at Yield, MD	9.00 MPa	1310 psi	ASTM D882
Film Tensile Strength at Yield, TD	10.0 MPa	1450 psi	ASTM D882
Film Elongation at Break, MD	680 %	680 %	ASTM D882
Film Elongation at Break, TD	975 %	975 %	ASTM D882
Secant Modulus, MD	0.192 GPa	27.8 ksi	ASTM D882
Secant Modulus, TD	0.200 GPa	29.0 ksi	ASTM D882
Coefficient of Friction	>= 1.0	>= 1.0	ASTM D1894
Elmendorf Tear Strength, MD	24.0 g/micron	610 g/mil	ASTM D1922
Elmendorf Tear Strength, TD	26.0 g/micron	660 g/mil	ASTM D1922
Dart Drop	8.40 g/micron	213 g/mil	F 50; ASTM D1709/A
Film Tensile Strength at Break, MD	48.0 MPa	6960 psi	ASTM D882
Film Tensile Strength at Break, TD	46.1 MPa	6690 psi	ASTM D882

Optical Properties	Metric	English	Comments
Haze	10 % @Thickness 0.0250 mm	10 % @Thickness 0.000984 in	ASTM D1003
Gloss	57 %	57 %	45°; 1 mil; ASTM D1894

Optical Properties	Metric	English	Comments
Processing Properties	Metric	English	Comments
Melt Temperature	220 - 230 °C	428 - 446 °F	

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China