

NOVA Chemicals Sclair® 11L4B 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. Applications: Specialty lamination, co-extrusion of food and liquid packaging. Data provided by the manufacturer.

Order this product through the following link:

http://www.lookpolymers.com/polymer_NOVA-Chemicals-Sclair-11L4B-Octene-LLDPE-Film-Resin-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.920 g/cc	0.0332 lb/in ³	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	11.0 MPa	1600 psi	ASTM D882
Film Elongation at Break, MD	624 %	624 %	ASTM D882
Film Elongation at Break, TD	690 %	690 %	ASTM D882
Secant Modulus, MD	0.203 GPa	29.4 ksi	ASTM D882
Secant Modulus, TD	0.210 GPa	30.5 ksi	ASTM D882
Coefficient of Friction	>= 0.12	>= 0.12	ASTM D1894
Elmendorf Tear Strength, MD	18.0 g/micron	457 g/mil	ASTM D1922
Elmendorf Tear Strength, TD	23.0 g/micron	584 g/mil	ASTM D1922
Dart Drop	8.00 g/micron	203 g/mil	F 50; ASTM D1709/A
Film Tensile Strength at Break, MD	40.0 MPa	5800 psi	ASTM D882
Film Tensile Strength at Break, TD	21.0 MPa	3050 psi	ASTM D882

Optical Properties	Metric	English	Comments
Haze	11 % @Thickness 0.0250 mm	11 % @Thickness 0.000984 in	ASTM D1003
Gloss	51 %	51 %	45°; 1 mil; ASTM D1894

Optical Properties	Metric	English	Comments
Processing Properties	Metric	English	Comments
Melt Temperature	210 - 220 °C	410 - 428 °F	

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