

NOVA Chemicals Sclair® 2318 LLDPE Injection Molding Resin (discontinued **)

Category : Polymer , Thermoplastic , Polyethylene (PE) , LLDPE , Linear Low Density Polyethylene (LLDPE), Injection Molded

Material Notes:

Features: Low odor, low warpage, fast cycling, high surface gloss, permits light weight lid design. Applications: Thin walled container lids and closures. Data provided by the manufacturer.

Order this product through the following link:

http://www.lookpolymers.com/polymer_NOVA-Chemicals-Sclair-2318-LLDPE-Injection-Molding-Resin-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.931 g/cc	0.0336 lb/in ³	ASTM D792
Melt Flow	105 g/10 min @Load 2.16 kg, Temperature 190 °C	105 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238
Spiral Flow	45.7 cm	18.0 in	NOVA Snake Flow Test

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	56	56	ASTM D2240
Tensile Strength, Yield	14.0 MPa	2030 psi	ASTM D638
Flexural Modulus	0.520 GPa	75.4 ksi	ASTM D790

Thermal Properties	Metric	English	Comments
Vicat Softening Point	100 °C	212 °F	ASTM D1525
Brittleness Temperature	-30.0 °C	-22.0 °F	ASTM D746

Processing Properties	Metric	English	Comments
Melt Temperature	170 - 260 °C	338 - 500 °F	

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