

## NOVA Chemicals Sclair® 2316 LLDPE Injection Molding Resin

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. Data provided by the manufacturer.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_NOVA-Chemicals-Sclair-2316-LLDPE-Injection-Molding-Resin.php](http://www.lookpolymers.com/polymer_NOVA-Chemicals-Sclair-2316-LLDPE-Injection-Molding-Resin.php)

Physical Properties	Metric	English	Comments
Density	0.931 g/cc	0.0336 lb/in <sup>3</sup>	ASTM D792
Melt Flow	72 g/10 min @Load 2.16 kg, Temperature 190 °C	72 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	56	56	ASTM D2240
Tensile Strength, Yield	14.0 MPa	2030 psi	50 mm/min; ASTM D638
	17.0 MPa	2470 psi	500 mm/min; 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	-60.0 °C	-76.0 °F	ASTM D746

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

## Contact Songhan Plastic Technology Co.,Ltd.

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