

**NOVA Chemicals Sclair® 2915 HDPE Injection Molding Resin (discontinued \*\*)**

Category : Polymer , Thermoplastic , Polyethylene (PE) , HDPE , High Density Polyethylene (HDPE), Injection Molded

**Material Notes:**

Features: Excellent balance of stiffness and toughness, low odor, permits light weight container design. Applications: Thin walled food containers, frozen food containers. Data provided by the manufacturer.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_NOVA-Chemicals-Sclair-2915-HDPE-Injection-Molding-Resin-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_NOVA-Chemicals-Sclair-2915-HDPE-Injection-Molding-Resin-nbspdiscontinued-.php)

Physical Properties	Metric	English	Comments
Density	0.960 g/cc	0.0347 lb/in <sup>3</sup>	ASTM D792
Apparent Bulk Density	0.610 g/cc	0.0220 lb/in <sup>3</sup>	
Environmental Stress Crack Resistance	>= 1000 hour	>= 1000 hour	F50, Condition A, ASTM D1693, 100% Igepal
Melt Flow	62 g/10 min @Load 2.16 kg, Temperature 190 °C	62 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238
Spiral Flow	38.0 cm	15.0 in	NOVA Snake Flow Test

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	65	65	ASTM D2240
Tensile Strength, Yield	29.0 MPa	4210 psi	ASTM D638
Flexural Modulus	1.255 GPa	182.0 ksi	ASTM D790

Thermal Properties	Metric	English	Comments
Vicat Softening Point	123 °C	253 °F	ASTM D1525

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

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