

Technical Data

Product Description

SCLAIR® 2908 is a High Density Polyethylene material. It is available in North America for injection molding.

Important attributes of SCLAIR® 2908 are:

- Antioxidant
- Butene Comonomer
- Food Contact Acceptable
- Good Toughness
- High Stiffness

Typical applications include:

- Containers
- Food Contact Applications

General

Material Status	• Commercial: Active		
Literature <sup>1</sup>	• <a href="#">Technical Datasheet (English)</a>		
Search for UL Yellow Card	• <a href="#">NOVA Chemicals</a> • <a href="#">SCLAIR®</a>		
Availability	• North America		
Additive	• Antioxidant		
Features	• Antioxidant • Butene Comonomer • Food Contact Acceptable	• Good Impact Resistance • Good Toughness • High Density	• High Stiffness
Uses	• Crates		
Agency Ratings	• FDA 21 CFR 177.1520(c) 2.2		
Forms	• Pellets		
Processing Method	• Injection Molding		

Physical	Nominal Value Unit	Test Method
Specific Gravity	0.961 g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	7.0 g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance 100% Igepal, F50	< 10.0 hr	ASTM D1693A

Mechanical	Nominal Value Unit	Test Method
Tensile Strength <sup>3</sup> (Yield)	29.0 MPa	ASTM D638
Tensile Elongation <sup>3</sup> (Break)	1200 %	ASTM D638
Flexural Modulus	1280 MPa	ASTM D790

Hardness	Nominal Value Unit	Test Method
Durometer Hardness (Shore D)	65	ASTM D2240

Thermal	Nominal Value Unit	Test Method
Vicat Softening Temperature	129 °C	ASTM D1525

Notes

<sup>1</sup> These links provide you with access to supplier literature. We work hard to keep them up to date; however you may find the most current literature from the supplier.

<sup>2</sup> Typical properties: these are not to be construed as specifications.

<sup>3</sup> 50 mm/min



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## Where to Buy

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### Supplier

#### **NOVA Chemicals**

Calgary, AB Canada  
**Telephone:** 403-750-3600  
**Web:** <http://www.novachemicals.com/>

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### Distributor

#### **Amco Polymers**

**Telephone:** 800-262-6685  
**Web:** <http://www.amcopolymers.com/>  
**Availability:** North America

#### **Entec Polymers**

**Telephone:** 800-375-5440  
**Web:** <http://www.entecpolymers.com/>  
**Availability:** North America

#### **M. Holland Canada Company**

**Telephone:** 905-665-1168  
**Web:** <http://www.mholland.com/>  
**Availability:** Canada

#### **M. Holland Company**

**Telephone:** 855-497-1403  
**Web:** <http://www.mholland.com/>  
**Availability:** Mexico, United States

#### **Nexeo Solutions**

**Telephone:** 888-594-6009  
**Web:** <http://www.nexeosolutions.com/>  
**Availability:** North America

#### **Osterman & Company**

**Telephone:** 800-914-4437  
**Web:** <http://www.osterman-co.com/>  
**Availability:** North America

