

SCLAIR® 2815

High Density Polyethylene

NOVA Chemicals

Message:

SCLAIR® 2815 is a High Density Polyethylene material. It is available in North America for injection molding.

Important attributes of SCLAIR® 2815 are:

Antioxidant

Food Contact Acceptable

Good Stiffness

Good Toughness

Low to No Odor/Taste

Typical applications include:

Containers

Food Contact Applications

General Information			
Additive	Antioxidant		
Features	Antioxidant		
	Food Contact Acceptable		
	Good Stiffness		
	Good Toughness		
	High Density		
	Low to No Odor		
Uses	Containers		
	Food Containers		
	Thin-walled Containers		
Agency Ratings	FDA 21 CFR 177.1520(c) 3.2a		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.952	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	69	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	63		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	26.0	MPa	ASTM D638
Flexural Modulus	1070	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	123	°C	ASTM D1525
Additional Information	Nominal Value	Unit	Test Method

Snake Flow	380	mm	Internal Method
NOTE			

1. 50 mm/min

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Recommended distributors for this material

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