

SCLAIR® 2807CC-NS

High Density Polyethylene
NOVA Chemicals

Message:

SCLAIR® 2807CC-NS is a high density polyethylene material. This product is available in North America and is processed by compression molding or injection molding.

SCLAIR® The main features of 2807CC-NS are:

- Butene Comonomer
- Good processability
- Antioxidants
- accessible food
- Good stiffness

Typical application areas include:

- hat/cap/cork
- food contact applications

General Information			
Additive	Antioxidation		
Features	Butene comonomer		
	Rigid, good		
	Antioxidation		
	Workability, good		
	Good sensory characteristics		
	Good coloring		
	Low temperature impact resistance		
	Good toughness		
	Compliance of Food Exposure		
Uses	Shield		
	Shell		
Agency Ratings	FDA 21 CFR 177.1520(c) 3.2a		
Processing Method	Compression molding		
	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.954	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	6.7	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance (100% Igepal, F50)	< 10.0	hr	ASTM D1693A
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	63		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method

Tensile Strength ¹ (Yield)	28.0	MPa	ASTM D638
Tensile Elongation ² (Break)	1300	%	ASTM D638
Flexural Modulus	1070	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	124	°C	ASTM D1525


NOTE			
1.	50 mm/min		
2.	50 mm/min		

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Recommended distributors for this material

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WECHAT