

SCLAIR® 2712CC

High Density Polyethylene

NOVA Chemicals

Message:

SCLAIR® 2712CC is a High Density Polyethylene material. It is available in North America for injection molding.

Important attributes of SCLAIR® 2712CC are:

Antioxidant

Food Contact Acceptable

Good Aesthetics

Good Processability

Good Stiffness

Typical applications include:

Caps/Lids/Closures

Food Contact Applications

General Information			
Additive	Antioxidant		
Features	Antioxidant		
	Food Contact Acceptable		
	Good Organoleptic Properties		
	Good Processability		
	Good Stiffness		
	High Density		
Uses	Low Temperature Impact Resistance		
	Closures		
	FDA 21 CFR 177.1520(c) 3.2a		
	Pellets		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.951	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	32	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	62		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	23.0	MPa	ASTM D638
Tensile Elongation ² (Break)	200	%	ASTM D638
Flexural Modulus	1000	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -70.0	°C	ASTM D746
Vicat Softening Temperature	120	°C	ASTM D1525
Additional Information	Nominal Value	Unit	Test Method

Snake Flow	310	mm	Internal Method
NOTE			
1.	50 mm/min		
2.	50 mm/min		

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Recommended distributors for this material

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