

SCLAIR® 2607

High Density Polyethylene
NOVA Chemicals

Message:

SCLAIR® 2607 is a High Density Polyethylene material. It is available in North America for injection molding.
Important attributes of SCLAIR® 2607 are:
Antioxidant
Food Contact Acceptable
Good Stiffness
Impact Resistant
Warp Resistant
Typical application of SCLAIR® 2607: Food Contact Applications

General Information			
UL YellowCard	E146584-223438		
Additive	Antioxidant		
Features	Antioxidant		
	Food Contact Acceptable		
	Good Impact Resistance		
	Good Stiffness		
	High Density		
	Low Warpage		
Agency Ratings	FDA 21 CFR 177.1520(c) 3.2a		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.947	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	4.8	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	65		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	22.0	MPa	ASTM D638
Tensile Elongation ² (Break)	1000	%	ASTM D638
Flexural Modulus	860	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	122	°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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