

SCLAIR® 31G

Linear Low Density Polyethylene
NOVA Chemicals

Message:

SCLAIR® 31G is a Linear Low Density Polyethylene material. It is available in North America for extrusion coating.
Important attributes of SCLAIR® 31G are:
Antioxidant
Butene Comonomer
Good Processability
Good Toughness
High Strength
Typical applications include:
Coating Applications
Food Contact Applications

General Information			
Additive	Antioxidant		
Features	Antioxidant		
	Butene Comonomer		
	Good Impact Resistance		
	Good Processability		
	Good Toughness		
	High Tensile Strength		
	Low Density		
Uses	Coating Applications		
Agency Ratings	FDA 21 CFR 177.1520(c) 3.1a		
Forms	Pellets		
Processing Method	Extrusion Coating		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.922	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	12	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	53		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	10.2	MPa	ASTM D638
Tensile Elongation (Break)	600	%	ASTM D638
Flexural Modulus	335	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -70.0	°C	ASTM D746
Vicat Softening Temperature	92.0	°C	ASTM D1525

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Recommended distributors for this material

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