

Axiall PVC LSS-8200

Rigid Polyvinyl Chloride

Axiall Corporation

Message:

Georgia Gulf LSS-8200 is a special purpose rigid PVC sheet extrusion compound designed for reduced smoke emission properites.

General Information			
UL YellowCard	E53006-243375		
Features	Low Smoke Emission		
Forms	Pellets		
Processing Method	Sheet Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.48	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	109		ASTM D785
Durometer Hardness (Shore D)	83		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2650	MPa	ASTM D638
Tensile Strength (Yield)	40.8	MPa	ASTM D638
Flexural Modulus	2820	MPa	ASTM D790
Flexural Strength	73.1	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.18 mm)	64	J/m	ASTM D256
Drop Impact Resistance ¹	80.1	J/cm	ASTM D4226
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	66.7	°C	
1.8 MPa, Unannealed	59.4	°C	
CLTE - Flow	1.1E-4	cm/cm/°C	ASTM D696
Flammability	Nominal Value	Unit	Test Method
V-0			
Flame Rating	5VA		UL 94
NBS Smoke Density			ASTM E662
1.98 mm ²	32.0	Ds	
1.98 mm ³	124	Ds	
3.00 mm ⁴	37.0	Ds	
3.00 mm ⁵	206	Ds	
NOTE			

1.	Procedure B
2.	1.5 mins
3.	4.0 mins
4.	1.5 mins
5.	4.0 mins

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

