

Georgia Gulf

Data Sheet

LSS-8200

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

General Properties		Test Method	Typical Value
Specific Gravity		ASTM D-792	1.48
Mechanical Properties		Test Method	Typical Value
Tensile Strength, psi		ASTM D-638	5,920
Tensile Modulus, psi		ASTM D-638	385,000
Flexural Strength, psi		ASTM D-790	10,600
Flexural Modulus, psi		ASTM D-790	409,000
1/8" Notched Izod, ft-lbs/in		ASTM D-256	1.20
Hardness, Shore D		ASTM D-2240	83
Hardness, Rockwell R		ASTM D-785	109
Gardner Drop Dart		ASTM D-4226, Meth. B	1.8
Thermal Properties		Test Method	Typical Value
Heat Deflection Temperature at 264 psi, °F, (Unannealed) @66 psi @264 psi		ASTM D-648	152 139
UL Flammability Rating		ASTM D-635	V-0 / 5 VA
Coefficient of Thermal Expansion, in/in °F x 10 ⁻⁵		ASTM D-696	6.3
NBS Smoke Values (Independent Lab)			
Thickness (in)	Test Method	Time, Minutes	Ave Ds, Flaming Mode
0.078	ASTM E-662/NFPA 258	1.5 4.0	32 124
0.118	ASTM E-662/NFPA 258	1.5 4.0	37 206

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