

Georgia Gulf

Data Sheet

8253

Georgia Gulf 8253 is a special purpose rigid PVC formulated for the extrusion of sheet.

General Properties	Test Method	Typical Value
Cell Class	ASTM D-1784	16343
Specific Gravity	ASTM D-792	1.33
Mechanical Properties	Test Method	Typical Value
Tensile Impact, ft-lbs/in ²	ASTM D-1822	68
Tensile Strength, psi	ASTM D-638	6,250
Tensile Modulus, psi	ASTM D-638	407,000
Flexural Strength, psi	ASTM D-790	10,400
Flexural Modulus, psi	ASTM D-790	346,000
¹ / ₈ " Notched Izod Impact, ft-lbs/in	ASTM D-256	20
Shore D Hardness	ASTM D-2240	77
Rockwell R Hardness	ASTM D-785	78
Thermal Properties	Test Method	Typical Value
Heat Deflection Temperature at 264 psi, °F, (°C) (unannealed)	ASTM D-648	149, (65)
Heat Deflection Temperature at 264 psi, °F, (°C) (annealed)	ASTM D-648	160, (71)
Recommended Melt Temperature, °F		370

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