



Spartech Plastics - Extruded Sheet & Rollstock

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Research & Development Department

Royalite R84/21 Data Sheet

Physical Property	Test Method	Units	Typical Values ¹
Specific Gravity ²	ASTM D-792		1.02 - 1.08
Tensile Strength, machine direction	ASTM D-638	psi	4,600
Flexural Strength	ASTM D-790	psi	7,500
Flexural Modulus	ASTM D-790	psi	270,000
Impact Strength, Notched Izod, @ 73 °F	ASTM D-256	ft-lb/in notch	7.0
Impact Strength, Notched Izod, @ -20 °F	ASTM D-256	ft-lb/in notch	2.0
Hardness	ASTM D-785	Rockwell Scale R	91
Heat Deflection Temp (annealed) @ 264 psi stress	ASTM D-648	° F	205
Flammability*	FMVSS 302		Passes

* This term and any corresponding data refer to typical performance in the specific tests indicated and should not be construed to imply this material's behavior under actual fire conditions.

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¹ All values based on 0.125" extruded sheet unless otherwise specified

² Color Dependent