

# Royalite® R675

## High Impact Polystyrene Conductive Sheet

### Product Description

Royalite® R675 is a permanently conductive black polystyrene sheet. The sheet has a great balance of physical and mechanical properties, making R675 an excellent choice for a wide variety of applications in the electronics, equipment, and materials handling industries. R675 meets Static Decay MIL-B-81705C and NFPA Code 99.

### Technical Properties

Property	Test Method	Value*
Specific Gravity	ASTM D-792	1.09
Tensile Strength	ASTM D-638	2,500 psi
Flexural Strength	ASTM D-790	4,000 psi
Flexural Modulus	ASTM D-790	220,000 psi
Gardner Impact 72°F	ASTM D-5420	52 in-lbs
Rockwell Hardness (R Scale)	ASTM D-785	75
Heat Deflection Temperature (@264 psi - annealed)	ASTM D-648	165°F
Surface Resistivity	ASTM D-4496	10 <sup>4</sup> Ohm
Flammability	UL 94-HB	Passes @ 0.118"

*\*All values based on 0.125" unless otherwise stated*

For additional information, please contact Spartech at 800-677-4338 (800-67-SHEET), e-mail [info@spartech.com](mailto:info@spartech.com) or visit our website at [www.spartech.com](http://www.spartech.com)

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