

# Royalite<sup>®</sup> R926

Fire-rated sheet

## Product Description

Royalite<sup>®</sup> R926 is a PC/ABS fire rated extruded sheet that allows you to manufacture highly detailed thermoformed deep draw parts. Custom manufactured in a wide variety of colors and textures in gauges from 0.050" to 0.250", Royalite<sup>®</sup> R926 can be used in a variety of market applications including medical device housing and electrical appliances.

## Technical Properties

Property	Test Method	Value*
Specific Gravity (color dependent)	ASTM D-792	1.19
Tensile Strength @ yield	ASTM D-638	9,900 psi
Flexural Modulus	ASTM D-790	400,000 psi
Izod Impact (Notched) 72°F	ASTM D-256	14 ft-lbs/in
Instrumented Impact (@ 0.125")	ASTM D-3763	45 ft-lbs
Coefficient of Linear Thermal Expansion	ASTM D-696	4.6 – 5.5x10 <sup>-5</sup> in/in/°F
Heat Deflection Temperature (@264 psi – annealed)	ASTM D-648	210°F

*\*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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