

# Royalite® R574

Fire-rated sheet

## Product Description

Royalite R574 is RoHS compliant, non PVC & PBDE containing, and flame retardant ABS engineered to meet the flammability requirements for today's most demanding applications. R574 is UL listed in all colors, 94-VO @ 0.063 and UL94 5VA @ 0.125.

## Technical Properties

Property	Test Method	Value*
Specific Gravity (color dependent)	ASTM D-792	1.20 - 1.27
Izod Impact (Notched) 72°F	ASTM D-256	4.5 ft-lbs/in
Tensile Strength	ASTM D-638	5,200 psi
Flexural Strength	ASTM D-790	8,000 psi
Flexural Modulus	ASTM D-790	320,000 psi
Rockwell Hardness (R Scale)	ASTM D-785	98
Heat Deflection Temperature (@264 psi - annealed)	ASTM D-648	190°F
Flammability	UL 94 V-0	> 0.063"
Flammability	UL 94-5VB	> 0.125"
Flammability	FMVSS 302	Passes
Ball Pressure Test (75°C, 3.00 mm)	IEC 60695-10-2	Passes

*\*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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