

# Royalite® R24

Fire-Rated ABS sheet

## Product Description

Royalite® R24 is proprietary Fire Rated ABS thermoplastic sheet product. It is UL listed 94HB @ .060" and above in all colors. In addition, Royalite® R24 combines high impact strength and stiffness with excellent formability. It also has an enhanced heat deflection temperature and provides outstanding color and gloss control and superior grain retention after thermoforming.

## Technical Properties

Property	Test Method	Value*
Specific Gravity (color dependent)	ASTM D-792	1.02 - 1.08
Izod Impact (Notched) 72°F	ASTM D-256	7.5 ft-lbs/in
Tensile Strength	ASTM D-638	5,000 psi
Flexural Strength	ASTM D-790	7,800 psi
Flexural Modulus	ASTM D-790	280,000 psi
Rockwell Hardness (R Scale)	ASTM D-785	98
Heat Deflection Temperature (@264 psi - annealed)	ASTM D-648	210°F
Flammability	UL 94-HB	Listed at 0.060"
Motor Vehicle Safety Standard	FMVSS 302	Passes at 0.050"

*\*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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