



Royalite® R55

Fire-rated sheet

Product Description

Royalite® R55 thermoplastic sheet provides a fire-rated*, rigid PVC/acrylic product that ASTM E84 Class A.

* 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.

Technical Properties

Property	Test Method	Value*
Specific Gravity (color dependent)	ASTM D-792	1.45
Tensile Strength	ASTM D-638	5,300 psi
Flexural Strength	ASTM D-790	8,700 psi
Flexural Modulus	ASTM D-790	350,000 psi
Izod Impact (Notched) 72°F	ASTM D-256	3.0 ft-lbs/in
Rockwell Hardness (R Scale)	ASTM D-785	105
Heat Deflection Temperature (@264 psi - annealed)	ASTM D-648	155°F
Flammability - Smoke	ASTM E84	<450
Flammability – Flame Spread	ASTM E84	<25

**All values based on 0.125" unless otherwise stated and no use of customer regrind*

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

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