



Royalite® R90

PVC Indoor grade

Product Description

Royalite® R90 PVC indoor grade provides a fire-rated*, rigid PVC product that combines high impact strength, tensile strength, stiffness and hardness with excellent formability. It meets the flame-retardant criteria of Underwriters Laboratories, Inc. and passes classification of UL94V-0. Royalite® R90 sheet has excellent chemical and stain resistance.

Technical Properties

Property	Test Method	Value*
Specific Gravity (color dependent)	ASTM D-792	1.33
Tensile Strength	ASTM D-638	6,000 psi
Flexural Strength	ASTM D-790	10,250 psi
Flexural Modulus	ASTM D-790	370,000 psi
Izod Impact (Notched) 72°F	ASTM D-256	15.0 ft-lbs/in
Rockwell Hardness (R Scale)	ASTM D-785	110
Heat Deflection Temperature (@ 264 psi - annealed)	ASTM D-648	155°F
Coefficient of Linear Thermal Expansion	ASTM D-696	4.0 - 6.0x10 ⁻⁵ in/in/°F
Flammability	UL 94 V-0	Passes @0.040"

**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 or visit our website at www.spartech.com

Customers are responsible for determining whether products and information are appropriate for their use, including the evaluation of all applicable laws. Spartech LLC assumes no liability for the accuracy or completeness of information contained herein, and such information is subject to change without notice. All products supplied are subject to the standard terms and conditions of sale of Spartech LLC. **NO WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, IS MADE BY THIS TECHNICAL DATA SHEET. ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY EXCLUDED.**