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