

Royalite® HG

Holster Grade sheet

Product Description

Royalite Holster Grade thermoplastic sheet provides a rigid acrylic/PVC product that combines very high impact strength, tensile strength, stiffness and hardness with excellent formability. Royalite Holster Grade sheet has excellent chemical and stain resistance. Royalite Holster Grade is available in a wide variety of standard and custom colors, grain textures, gauge and blank sizes subject to normal production scheduling.

Technical Properties

Property	Test Method	Value*
Specific Gravity (color dependent)	ASTM D-792	1.35
Tensile Strength	ASTM D-638	5,800 psi
Flexural Strength	ASTM D-790	9,500 psi
Flexural Modulus	ASTM D-790	320,000 psi
Izod Impact (Notched) 72°F	ASTM D-256	15.0 ft-lbs/in
Rockwell Hardness (R Scale)	ASTM D-785	100
Heat Deflection Temperature (@264 psi - annealed)	ASTM D-648	150°F
Thermal Conductivity	ASTM C-177	1.01 BTU/in/hr/ft ² /°F
Coefficient of Linear Thermal Expansion	ASTM D-696	4.0 - 6.0x10 ⁻⁵ in/in/°F

**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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