

Royalite[®] R63



Royalite[®] R63 thermoplastic sheet from Royalite is a unique ABS/PVC product that is both electrically conductive and fire-rated. It meets the minimum static decay requirements outlined in MIL-B-81705C and NFPA Code 99 specifications. It is recognized under the component program of Underwriters Laboratories, Inc. with a classification of 94V-1 at 0.066". Containers made from Royalite R63 thermoplastic sheet provide permanent static protection. It provides the dimensional stability typical of ABS plastics required for today's robotic material handling systems. Royalite R63 thermoplastic sheet combines high stiffness and abrasion resistance with excellent thermoformability.

TYPICAL PROPERTIES

PROPERTY	TEST METHOD	UNITS	DATA
Specific Gravity	D-792	g/cm ³	1.22
Tensile Strength	D-638	(psi)	4,500
Flexural Modulus	D-790	(psi)	280,000
Flexural Strength	D-790	(psi)	7,100
Falling Dart Impact	D-5420 (-40°C)	Ft.-lbs	160
Heat Deflection Temp	D-648	°F	165
Hardness	D-785	Rockwell R	87
Surface Resistivity	D-257	Ohm ²	≤10 ⁵

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For additional information, please contact Spartech Corporation at (888) 721-4242 or visit our web site at www.spartech.com.

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