



Royalstat ABS/PVC R632

ROYALSTAT™ R632 thermoplastic sheet from Royalite is a unique ABS/PVC material that is both electrically conductive and UL® listed. It meets minimum static decay requirements outlined in MIL-B-81705C and NFPA Code 99 specifications. R632 sheet is recognized under the component program of Underwriters Laboratories, Inc. with a classification of 94V-1 at 0.058", 94V-0 at 0.090" and 94-5VA at 0.090". Containers made from ROYALSTAT™ R632 sheet provide permanent protection against electrostatic discharge. R632 sheet provides the dimensional stability typical of ABS plastics, combining high impact strength, stiffness and abrasion resistance with good thermoformability.

Royalstat ABS/PVC R632 Data

Test	Condition	Units	Value
Specific Gravity	ASTM D792	g/cm ³	1.28
Tensile Strength	ASTM D638	psi	4,500
Flexural Modulus	ASTM D790	psi	290,000
Flexural Strength	ASTM D790	psi	7,000
Falling Dart Impact	ASTM D3029 (73°F, -40°C)	Ft-lbs	145
Heat Deflection Temperature	ASTM D648	°F	155
Hardness	ASTM D785	Rockwell R	85
Surface Resistivity	ASTM D257	Ohm ²	≤10 ⁵

Spartech warrants that its products conform to its published specifications in effect at the time of sale, but Spartech expressly disclaims any warranties of the merchantability and of fitness for a particular purpose with respect to its products. The values shown above are representative of values that have been obtained in the testing of samples produced in various colors. Each user of the material should conduct his own testing and evaluations to determine the effectiveness, safety, and suitability of the material for its particular use.