

# Royalite<sup>®</sup> R63



**Royalite<sup>®</sup> 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 <sup>3</sup>	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 <sup>2</sup>	≤10 <sup>5</sup>

Spartech Plastics, Royalite Specialty Sheet, 3454 N. Detroit Street, P.O. Box 958, Warsaw, IN 46581-0958  
For additional information, please contact Spartech Corporation at (888) 721-4242 or visit our web site at [www.spartech.com](http://www.spartech.com).

PAGE 1 OF 1

Use and conditions and applicable laws may differ from jurisdiction to jurisdiction, and may be subject to change at any time. Customers are responsible for determining whether products and information are appropriate for their use. Spartech Corporation and its subsidiaries assume no liability for the accuracy or completeness of information contained herein, and all information is subject to change without notice. No freedom from infringement of any patent, trademark or copyright owned by Spartech or any of its subsidiaries is to be inferred. **NO WARRANTIES, EXPRESS OR IMPLIED, ARE GIVEN; ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY EXCLUDED.**



FORMING A SUSTAINABLE FUTURE

120 South Central Avenue, Suite 1700 Clayton, Missouri 63105-1705  
888.721.4242 | [www.spartech.com](http://www.spartech.com)