

Royalite[®] R675



Royalite[®] R675 thermoplastic sheet is a unique High Impact Polystyrene alloy that is electrically conductive. It meets the minimum static decay requirements outlined in MIL-B-81705C and NFPA Code 99 specifications and combines good stiffness, toughness and thermoformability with excellent electrostatic discharge (ESD) protection. Available in roll stock in thickness from 0.012" to 0.025" with a tolerance of ± 0.002 ", Royalite R675 sheet assures excellent performance on an in-line thermoformer and automatic chip placement systems. In thicker gauges (0.030" – 0.250"), R675 has excellent deep draw characteristics.

TYPICAL PROPERTIES

PROPERTY	TEST METHOD	UNITS	DATA
Specific Gravity	D-792	g/cm ³	1.07
Tensile Strength	D-638	(psi)	3,000
Flexural Modulus	D-790	(psi)	200,000
Izod Impact	D-256 (73°F, -40°C)	Ft-lbs/in.	5.0
Falling Dart Impact	D-3029 (73°F, -40°C)	Ft.-lbs	200
Heat Deflection Temp	D-648	°F	183
Hardness	D-785	Rockwell R	75
Surface Resistivity	D-257	Ohm ²	$\leq 10^5$

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

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