

ROYALITE® R64

High Molecular Weight Polyethylene Conductive Sheet

Royalite® R64 Conductive HMWPE is a high molecular weight polyethylene sheet that is electrically both electrically conductive and fire-rated with excellent thermoformability.

Containers made from Royalite® R64 thermoplastic sheet provide permanent static protection with these performance advantages:

- Higher Heat Deflection
- UL 94HB
- Tensile, Flexural strength and modulus higher than R63 PVC ABS

PROPERTY	TEST METHOD	VALUE*
Specific Gravity	ASTM D792	1.07
Surface Resistivity	ASTM D4496	≤ 10 ⁶ Ohm
Tensile Strength	ASTM D638	> 3,500 psi
Flexural Modulus	ASTM D790	150,000 psi
Flammability	UL 94-HB	Passes
Heat Deflection Temperature (@66 psi)	ASTM D648	190°F
Hardness—Shore D	ASTM D2240	63
Gloss	ASTM D523	83 Gloss Units—60°

* All values based on 0.125" unless otherwise stated.

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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