

Royalite R39 FR-HDPE

Fire Resistant High-Density Polyethylene

Product Description

Royalite R39 is a high-density polyethylene sheet with outstanding physical performance. It has good impact strength and rigidity while meeting the stringent UL94-V0 burn criteria. Royalite R39 has outstanding chemical resistance. Its low temperature strength and processability further characterize this highly versatile sheet product.

Technical Properties

Property	Test Method	Value*
Specific Gravity (color dependent)	ASTM D-792	1.03
Tensile Strength	ASTM D-638	3,500 psi
Tensile Elongation at Break	ASTM D-638	>600 %
Flexural Strength	ASTM D-790	3,700 psi
Flexural Modulus	ASTM D-790	152,000 psi
Hardness - Shore D	ASTM D-2240	67
Izod Impact (Notched) 72°F	ASTM D-256	4.5 ft-lbs/in
Heat Deflection Temperature (@66 psi)	ASTM D-648	160°F
Flammability	MVSS 302	Passes
Flammability	UL94-V0	Passes >0.125"

**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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