

Datasheet

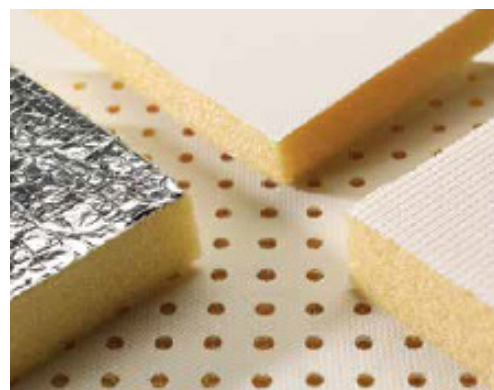
SOLIMIDE® CC-306



SOLIMIDE® CC-306 polyimide foam is utilized in the marine market as lightweight, non-flammable, non-fibrous thermal hull insulation for submarines and other marine vessels. SOLIMIDE® CC-306 foam can be cut into a variety of shapes and sizes, then faced or coated to meet end user requirements.

Specifications/ Certificates

- SOLIMIDE® CC-306 foam is specified as insulation for Electric Boat / Newport News current submarine programs and by BAE Systems for the Astute Program. Please contact us to determine if it meets your specifications or other requirements.



Properties	Units	Values	Testing
Typical Density*	kg/m ³ (lb/ft ³)	8.0 (0.50)	ASTM D3574 Test A, ISO 845
Flame Spread Index		≤ 5	ASTM E162
Smoke Developed Index Non-Flaming		3	ASTM E662
Smoke Developed Index Flaming		5	ASTM E662
Noise Reduction Coefficient (NRC), 25mm (1in)		0.75	ASTM C423 and E795, Mounting A
Max Continuous Use Temperature	°C (°F)	200 (400)	
Thermal Conductivity at 24°C (75°F)	W/mK (BTU-in/hr-ft ² -°F)	≤ 0.043 (0.30)	ASTM C518

*Subject to normal manufacturing variation

The information included in this data sheet is believed to be accurate and reliable. Boyd assumes no responsibility for end use applications and no performance warranty is express or implied.