

Datasheet

SOLIMIDE® HT-340



SOLIMIDE® HT-340 polyimide foam is utilized in commercial and industrial markets as a lightweight, non-flammable, thermal and acoustic insulation. It is also used in the aerospace market where higher temperatures resistance is needed. It is formaldehyde-free and demonstrates excellent long term stability under humid conditions and after temperature cycling. High temperature pipes and ducts, night storage heaters and ovens are examples of applications that use SOLIMIDE® HT-340 foam. A variety of shapes and sizes are available; facings or coatings are easily applied to meet end use requirements.

Specifications/ Certificates

- UL 94 V-0
- NFPA 130, US FRA and FTA (Docket 90-A)
- Fire-Restricting Materials per the International Maritime Organization (IMO) High Speed Craft code in accordance with the IMO Resolution MSC.40(64)
- ASTM C 1482
- Boeing BMS 8-300
- SOLIMIDE® Foams may meet additional specifications that are not listed here. 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)	6.4 (0.40)	ASTM D3574 Test A, ISO 845
FAA Radiant Panel FAR 25.856(a)		Pass	
Flame Spread Index		< 5	ASTM E84
Smoke Developed Index		< 10	ASTM E84
Limiting Oxygen Index	%	> 40	ASTM D2863, ISO 4589-2: 1999
Noise Reduction Coefficient (NRC), 25mm (1in)		0.7	ASTM C423 and E795, Mounting A
Max Continuous Use Temperature	°C (°F)	300 (575)	
Thermal Conductivity at 24°C (75°F)	W/mK (BTU-in/hr-ft ² -°F)	≤ 0.046 (0.32)	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.