One Company, Many Solutions



SOLIMIDE® HT-340 DATA SHEET

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
			ASTM D3574 Test A,
Density	lb/ft³ (kg/m³)	0.40 (6.4)	ISO 845
FAA Radiant Panel			
FAR 25.856(a)		Pass	
Flame Spread Index		< 5	ASTM E84
Smoke Developed Index		< 10	ASTM E84
			ASTM D2863, ISO 4589-2:
Limiting Oxygen Index	%	> 40	1999
Noise Reduction Coefficient			ASTM C423 and E795,
(NRC), 1 in (25mm)		0.7	Mounting A
Max Continuous Use			
Temperature	°F (°C)	575 (300)	
Thermal Conductivity at	BTU-in/hr-ft²-°F		
75°F (24°C)	(W/mK)	0.32 (0.046)	ASTM C518

^{*} The information included in this data sheet is believed to be accurate and reliable. BOYD Corporation assumes no responsibility for end use applications and no performance warranty is express or implied.

^{*} Subject to normal manufacturing variation BC.2014.1