

SOLIMIDE Densified HT foam is utilized in commercial and industrial markets when the high temperature, fire-resistant properties of lightweight polyimide foam are desired, but enhanced mechanical or thermal properties are needed. High Temperature gaskets and tubing for sensitive instrumentation are examples of applications that use SOLIMIDE Densified HT. Thin product is used in rugged utility laptops where insulation space is limited. A variety of shapes and sizes are available; facings or coatings are easily applied to suit the end use requirements.

**Typical Characteristics**

- **Density** 2.0 lb/ft<sup>3</sup> [32 kg/m<sup>3</sup>]  
[Per ASTM D 3574, Test A]
- **Flame Spread Index** Less than 5  
[Per ASTM E 162]
- **Smoke Developed Index** Less than 5  
[Per ASTM E 662]
- **Max Continuous Use Temperature** 575°F [300°C]
- **Thermal Conductivity** 0.22 (Btu·in)/(hr·ft<sup>2</sup>·°F) [0.032 W/(m·K)]  
[Per ASTM C 518 at 75°F (24°C)]
- **20% Compression Force Deflection** 3.2 lbs/in<sup>2</sup> [22.1 kPa]  
[Per ASTM D 3574, Test C]
- **Minimal Offgassing / Outgassing**



**Specifications / Certificates\*:**

- ASTM C 1594

\*SOLIMIDE Densified HT foam may meet additional specifications that are not listed here. Please contact us to determine if it meets your specification or other requirements.

2DensHT-0508