



PS-2885

Product Description:

P-THERM® PS-2885 is a silicone based thermally conductive gap filler with an embedded fiberglass support and 125 micron removable polyester carrier.

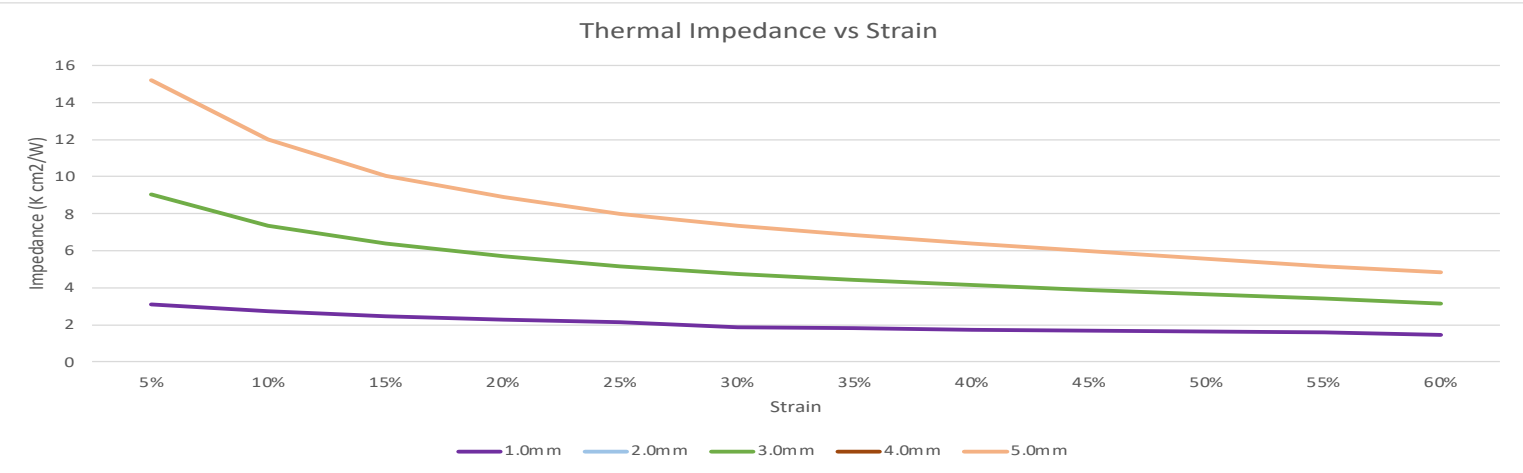
Construction / Properties:

General	Property	Value	Test Method
	Color	Yellow	Visual
	Thickness Range	0.5 mm - 5.0 mm	ASTM D374
	Reinforcement Carrier Type	Fiberglass	--
	Density (g/cc)	3.1	ASTM D792
	Heat Capacity (J/g K) @ 50 C	0.7884	ASTM E1269
	Total Mass Loss (@125C/24 hrs)	0.31%	ASTM E595**
	Flammability Rating	V-0	UL-94****
	Hardness (Shore 00)	56	ASTM D2240
	Continuous Use Conditions	-60 - 200 C	QSP-754

Electrical	Property	Value	Test Method
	Dielectric Breakdown Strength (kV/mm)	>5.0	ASTM D149
	Volume Resistivity (ohm-cm)	2.64E+13	ASTM D257
	Dielectric Constant @ 1.0mm	8.6 (1 kHz) / 7.86 (1 MHz)	ASTM D150

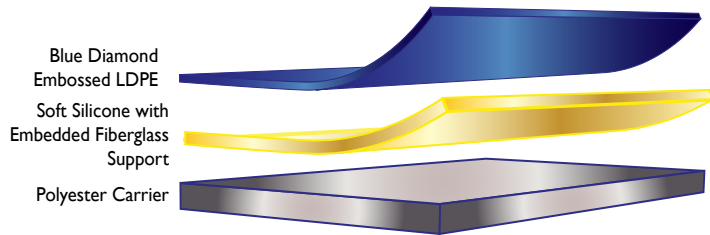
Thermal	Property	Value	Test Method
	Thermal Conductivity	5.5 W/m K	ASTM D5470*
	Thermal Performance vs. Strain		
	Deflection (% Strain)	10 20 30	ASTM D5470***
	Thermal Impedance (K cm²/W) @ 1.5mm	2.75 2.29 1.89	

* Thermal conductivity tested at 20% strain.
** Tested at atmospheric pressure
*** Values tested include interfacial thermal resistance: Application performance is directly related to surface roughness, flatness and pressure applied.
**** Internal Method based on UL-94



Features:

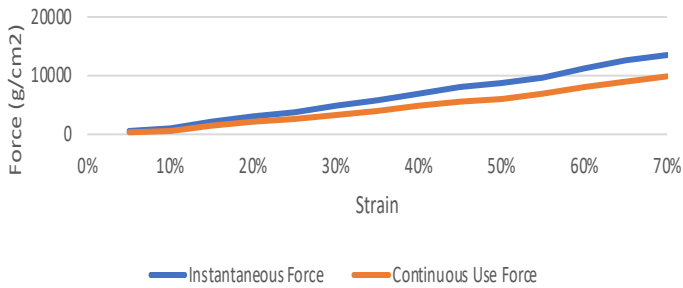
- Superior Thermal Conductivity
- Excellent Compression Characteristics
- Excellent Wet-Out
- Superb Flexibility
- Excellent Converting Properties
- RoHS and HF Compliant



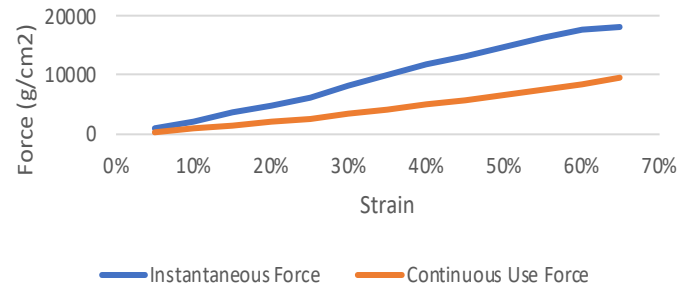
Applications:

- LED Lighting
- Battery Components
- Infotainment Modules
- Smartphones
- Tablets
- Computers
- Digital Personal Assistants
- Automotive Lighting

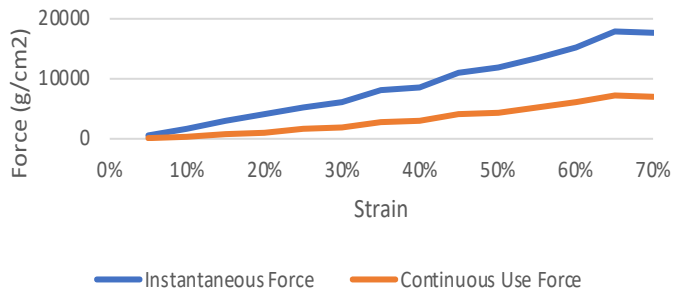
0.5mm Compression Force Deflection



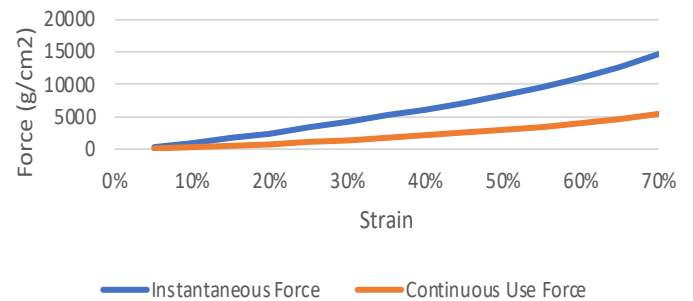
1.0mm Compression Force Deflection



3.0mm Compression Force Deflection



5.0mm Compression Force Deflection



Specific tests should be performed by the end user to determine the product stability for the particular application.

For Additional Information:

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