



PS-2622

Product Description:

P-THERM® PS-2622 is a soft silicone based thermally conductive gap filler with an embedded fiberglass support and 125 micron removable polyester carrier.

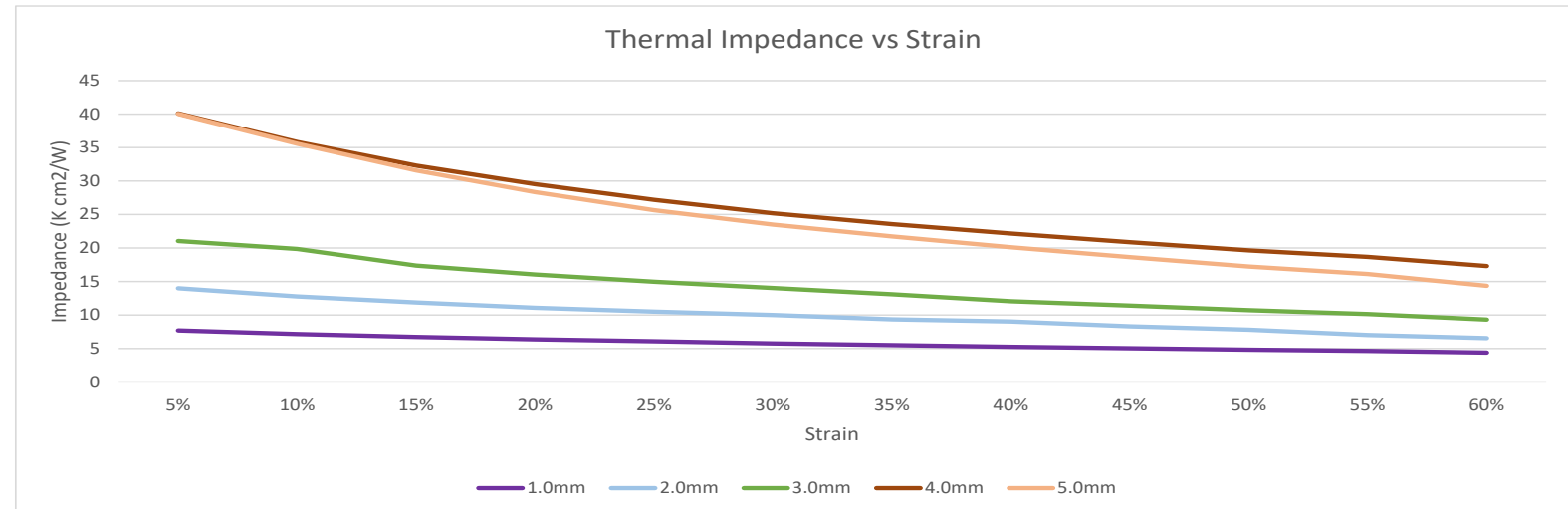
Construction / Properties:

	Property	Value	Test Method	
General	Color	Light Blue	Visual	
	Thickness Range	0.5 mm - 5.0 mm	ASTM D374	
	Reinforcement Carrier Type	Fiberglass	--	
	Density (g/cc)	1.67	ASTM D792	
	Heat Capacity (J/g K) @ 50 C	0.78	ASTM E1269	
	Hardness (Shore 00)	29	ASTM D2240	
	Total Mass Loss (@ 125 C/24 hrs)	0.06%	ASTM E595**	
	Flammability Rating	V-0	UL 94	
	Continuous Use Conditions	-60 - 200 C	QSP-754	
	Electrical	Property	Value	Test Method
Dielectric Breakdown Strength (kV/mm)		17.00	ASTM D149	
Volume Resistivity (ohm-cm)		1.0E+10	ASTM D257	
Thermal	Property	Value	Test Method	
	Thermal Conductivity	1.8W/m K	ASTM D5470*	
	Thermal Performance vs. Strain			
	Deflection (% Strain)	10	20	30
Thermal Impedance (K cm ² /W) @ 1mm	7.17	6.36	5.77	

* Thermal conductivity tested at 20% strain.

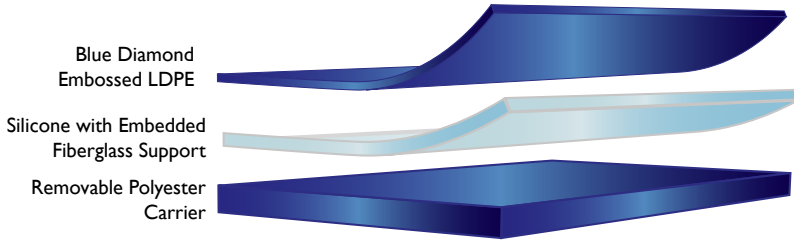
** Tested at atmospheric pressure

*** Values tested include interfacial thermal resistance: Application performance is directly related to surface roughness, flatness and pressure applied.



Features:

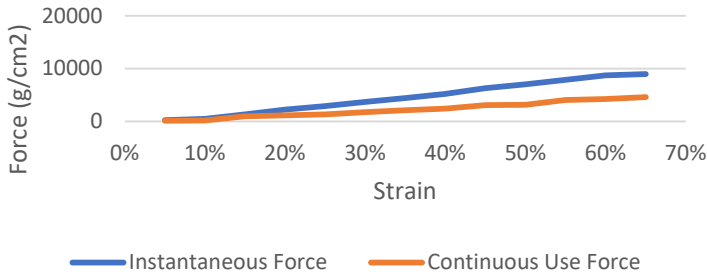
- Excellent Compression Characteristics
- Excellent Wet-Out
- Excellent Converting Properties
- RoHS and HF Compliant



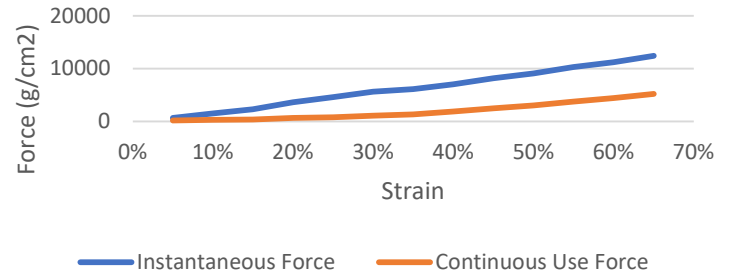
Applications:

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

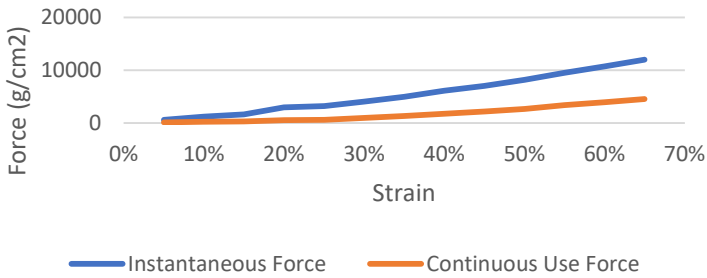
0.5mm Compression Force Deflection



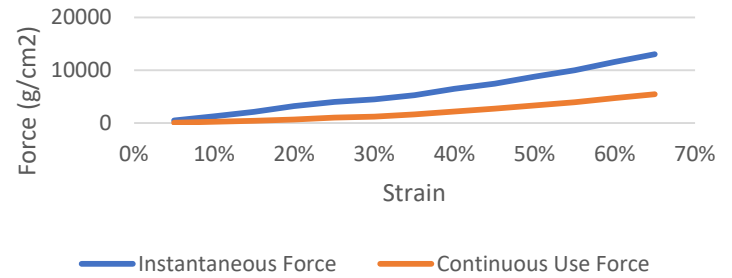
1.0mm Compression Force Deflection



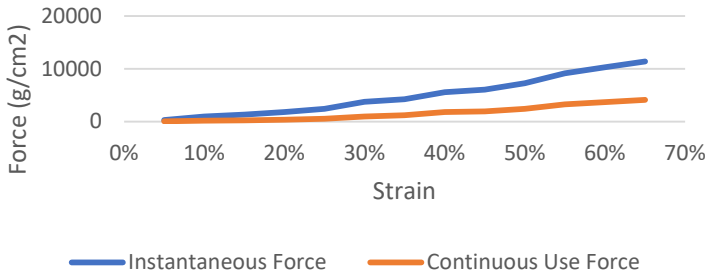
1.5mm Compression Force Deflection



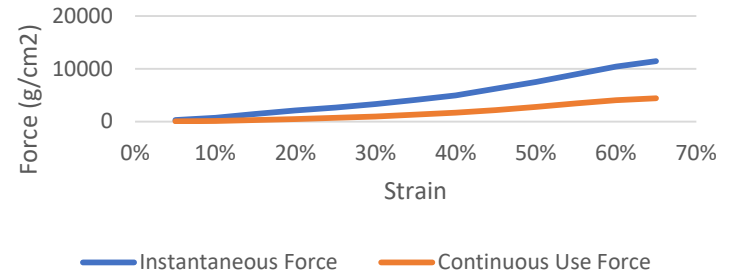
2.0mm Compression Force Deflection



2.5mm Compression Force Deflection



3.0mm 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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 Revision: 040621

