



Typical Properties		Product THERMFLOW T725	Test Method
Physical	Color	Pink	Visual
	Carrier	None- Free Film	---
	Standard Thicknesses, in (mm)	0.005 (0.125)	ASTM D374
	Specific Gravity	1.1	ASTM D792
	Phase Transition Temperature, Deg C	55	ASTM D3418
	Weight Loss, 125 Deg C for 48 Hours	<0.5%	---
Thermal	Thermal Impedance @ 70 Deg C in 2/W (Deg C-cm ² /W)		
	@ 10 psi (69 kPa)	0.11 (0.71)	ASTM D5470
	@ 25 psi (172 kPa)	0.06 (0.39)	
	@ 50 psi (345 kPa)	0.04 (0.26)	
	Operating Temperature Range, Deg F (Deg C)	-67 to 257 (-55 to 125)	---
Electrical	Volume Resistivity, ohm-cm	1014	ASTM D257
	Voltage Breakdown (kVac)	N/A	ASTM D149
Regulatory	Flammability Rating	V-0	UL 94
	RoHS Compliant	Yes	Chomerics Certification
	Shelf Life, months from date of shipment	12	Chomerics

*Phase-change material exhibits 1014 ohm-cm volume resistivity. Metal foil is electrically conductive.

**The phase-change material is electrically non-conductive. However, as it contains dispersed solder for enhanced thermal properties, it can exhibit through-conductivity at thinner bond line thickness (approximately <2mils). It should not be used as an electrical insulator.

*** The lower phase-transition temperature is for the polymer. The higher value is for the low melting alloy filler.

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