

Phase Change

PROPERTIES

<u>Physical Properties</u>	<u>Units</u>	<u>Test Method</u>
Thickness	0.008 inch	ASTM D374
Color	Gray	Visual
Tensile Strength	5.0 Mpa(750 PSI)	ASTM D636
Thermal Impedance	0.07C-in/W	ASTM D5470
Thermal Conductivity	3.45 W/m-k	ASTM D5470
Electrical Receptivity	17 Ohm-cm	
Dielectric	N/A	
Sinder	Thermoplastic	FDA food package approved
Filler Material	Graphite	High purity compressible crystalline
Softening point	55 °C	TGA
Sulfur Content	40 ppm	ASTM C516
Carbon Content	99.9%	ASTM C571
Ash Content	<0.1%	ASTM C561
Moisture Content	<0.1%	
Flash Point	260 °C	
Specific Gravity	0.97	ASTM D792
Environmental Compatibility and Disposal		Graphite are harmless to environment Waste can be incinerated or buried Compliant with local regulations

OUTLINE DRAWING

