

Technical specification

USTP180G

Description The material is used to fill air gaps between components or PC board and heat sinks, metal enclosures and chassis. Has a thermal conductivity function between component and the metal thermal spreader. Has a thermal source of heating component to chassis or heat sinks.

Properties	Unit	Value	Test method
Colour		Grey	
Thickness	Mm	0,4-6,0	ASTM D751
Tensile strength	Kgf/cm ²	1,45	ASTM D412
Elongation	%	80	ASTM D412
Hardness	Shore A	15	ASTM D2240
Specific gravity	g/cm ³	2,45	ASTM D792
Insulation strength	Volt/mm	2000	ASTM D149
Weight Loss at 204°C, 24 h	%	< 1	
Max temperature range	°C	-60 to +250	
Flammability level	UL 94	94V-0	
Thermal conductivity	W/m-K	5,0	ASTM D5470

This specification is given by our best knowledge and might be submitted to changes.