

Technical specification

USTP160YS

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
Surface		TOP-SIDE	BOT-SIDE	
Colour		Yellow		
Thickness	Mm	0,20	0,3 - 5,8	ASTM D751
Tensile strength	Kgf/cm ²		40,5	ASTM D412
Elongation	%		11,8	ASTM D412
Hardness	Shore A	75	25	ASTM D2240
Specific gravity	g/cm ³		2,05	ASTM D792
Insulation strength	Volt/mm		> 10000	ASTM D149
Weight Loss at 204°C, 24 h	%		< 1	
Max temperature range	°C		-60 to +150	
Flammability level	UL 94		94V-0	
Thermal conductivity	W/m-K		1,05	ASTM D5470

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