勝 特 力 材 料 886-3-5753170
胜特力电子(上海) 86-21-34970699
胜特力电子(深圳) 86-755-83298787
Http://www.100y.com.tw

Thermal Conductive Soft Pad

SB-600A

Specification: 305 x 305mm

	Property	SB-600A	Unit	Test Method
Physical	Color	Pink	Visual	--
	Thickness	0.3~15	mm	ASTM D374
	Operating Temperature	-40~+200	℃	--
Mechanical	Specific Gravity	2.25 ± 0.3	g/cm³	ASTM D792
	Tensile Strength	111.43	Psi	ASTM D412
	Elongation	148.66	%	ASTM D412
	Hardness	80 ± 5	Shore 00	ASTM D2240
	Weight Loss	<1	%	120℃@24hrs
Electrical	Voltage Breakdown	2.0	kV/mm	ASTM D149
	Volume Resistivity	$>10^{15}$	Ω • cm	ASTM D257
Thermal	Thermal Conductivity	1.8	W/m.k	ASTM D5470
Regulatory	Flammability Rating	V-0	--	UL94
	RoHS Compliant	Yes	--	Lab. Certification

W/mk	1.8					
Resistance	0.5mm	1.0mm	1.5mm	2.0mm	3.0mm	5.0mm
℃/W	0.366	0.717	0.973	1.110	1.574	2.149
℃*cm^3/W	3.520	6.892	9.347	10.666	15.124	20.650
℃*in^2/W	0.546	1.068	1.449	1.653	2.344	3.201
Specimen: 31mm-square (@40 psi)						

Compression (10%~50%), psi						
	0.5mm	1.0mm	1.5mm	2.0mm	3.0mm	5.0mm
10%	15.02	33.83	52.51	46.98	47.88	29.01
20%	53.16	55.44	76.50	75.39	76.63	56.08
30%	54.77	77.81	129.20	126.44	136.63	97.50
40%	77.19	125.65	201.52	204.48	223.85	169.35
50%	89.00	179.94	283.96	305.51	349.35	290.86
Specimen: 25mm-square Test Condition: 5mm/minute						

∗ The above testing result comes from testing laboratory report, information for your reference only.

勝 特 力 材 料 886-3-5753170
胜特力电子(上海) 86-21-34970699
胜特力电子(深圳) 86-755-83298787
Http://www.100y.com.tw