

TC810-1

Thermally Conductive Adhesive Tape

Technical Data

Test Item	Unit	Value	Test Method		
Thickness	mm	0.2	/		
Color	/	White	/		
Thermal impedance	C-in. ² /W	0.9	/		
Thermal conductivity	w/m·k	0.8	ASTM C-177		
Specific gravity	g/cc	1.07	/		
Surface resistance	Ω·cm	1.6×10 ¹¹	ASTM D-177		
Volume resistance	Ω·cm ³	3.9×10 ¹¹	ASTM D-2577		
Electrolyte strength	V/mil	668Volts/in(UL-746A*)	ASTM D-149		
Dielectric properties	MHz	100	ASTM D-150		
Dielectric constant	/	3.2	ASTM D-150		
180° peel off	To PET	gf/25mm	1500	GB/T2792,180°peel strength to substrate at room temperature,tape size:25mm*150mm	
	To SUS				2400
Shear strength	1000g,room temperature lin ²		PASS		
	500g,room temperature lin ²		PASS		
Heat aging properties			/	GOOD	UL-746C

•Shelf Life & Storage Conditions

Tape in roll form: Shelf life 12 months from the date of manufacture when stored in original cartons at 20°C and 50% relative humidity.

Ideal tape application temperature range is 21°C to 38°C.

Notes: The information contained in this data sheet is intended to assist you in designing with Incheng adhesive tape. The technical information and data should be considered representative or typical only. It is not intended to and does not create any warranties, express or implied, including any warranty of merchantability or fitness for particular purpose or that the results shown on this data sheet will be achieved by user for a particular purpose. The user should determine the suitability of Incheng adhesive tape for each application.

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