

Thermal Interface Material



86/228



- Soft material
- Double Layer
- Good electrical insulation

Applications

- Lighting
- Appliances
- Automotive
- Control units
- Larger applications

Options

- Double layer material
- Other thicknesses maybe available, subject to minimum order quantities

The data provide engineering guidance, performance in actual applications should be established through testing.

Properties	Unit	86/228
Color		Pink / Orange
Thermal Properties		
Thermal Conductivity	W/mK	2.0
Thermal Resistance	K/W	0.6
Electrical Properties		
Breakdown Voltage $U_{d; ac}$	kV	6
Dielectric Breakdown $E_{d; ac}$	kV/mm	12
Volume Resistivity	Ωm	2.8×10^{11}
Dielectric Constant ϵ_r		2.5
Dielectric Loss factor $\tan \delta$		1×10^{-3}
Mechanical Properties		
Hardness	Shore 00	30-45
Young's Modulus	N/cm ²	160
Physical Properties		
Application Temperature	°C (°F)	-40 to +180 (-40 to +356)
Density	g/cm ³	1.95
Total Mass Loss (TML)	%	<0.44
Flame rating	UL-94	V-0
Standard Thickness	mm (inch)	0.5 , 1.0 (0.02, 0.04)