

Thermal Interface Material



86/238



- Soft material
- Double layer film
- Good electrical insulation

Applications

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

Options

- Other thicknesses maybe available, subject to minimum order quantities

Properties	Unit	86/238
Color		Pink / Yellow
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	4.7×10^{11}
Dielectric Constant ϵ_r		1.9
Dielectric Loss factor $\tan \delta$		1.0×10^{-3}
Mechanical Properties		
Hardness	Shore 00	25-40
Young's Modulus	N/cm ²	122
Physical Properties		
Application Temperature	°C (°F)	-40 to +200 (-40 to +392)
Density	g/cm ³	1.65
Total Mass Loss (TML)	%	<0.05
Flame rating	UL-94	V-0
Standard Thickness	mm (inch)	0.5, 1, 2, 3 (0.02, 0.04, 0.08, 0.012)

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