

Thermal Interface Material



SOFTHERM 3500



- Soft material
- Very good elastic behavior
- Good thermal performance
- Suitable for pressure sensitive applications

Applications

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

Options

- Other thicknesses maybe available, subject to minimum order quantities

Properties	Unit	SOFTTHERM 3500
Color		Azure
Thermal Properties		
Thermal Conductivity	W/mK	3.5
Thermal Resistance	K/W	0.36
Electrical Properties		
Breakdown Voltage $U_{d; ac}$	kV	5
Dielectric Breakdown $E_{d; ac}$	kV/mm	10
Volume Resistivity	Ωm	8.1×10^{10}
Dielectric Constant ϵ_r		3.3
Dielectric Loss factor $\tan \delta$		0.3
Mechanical Properties		
Hardness	Shore 00	45-65
Measured Thickness	mm	0.5
Physical Properties		
Application Temperature	$^{\circ}C$ ($^{\circ}F$)	-40 to +200 (-40 to +392)
Density	g/cm^3	2.9
Total Mass Loss (TML)	%	<0.1
Flame rating	UL-94	V-0
Standard Thickness	mm (inch)	1.0-4.0 (0.04-0.157)

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