

# TEM96C

# Thermal Conductive RF Absorber Pad

LiPOLY TEM96C is a thermally conductive absorber based upon soft magnetic materials dispersed in a polymeric resin. It has a thermal conductivity of 4.0 W/m\*K and dissipates electromagnetic radiation rapidly to mitigate against EMI issues.

# **■ FEATURES**

/ Thermal conductivity: 4.0 W/m\*K

- / Excellent absorption characteristics
- / Naturally tacky
- / Reworkable

## **■ TYPICAL APPLICATION**

/ IC, CPU, MOS, LED, M/B, Heat sink / LCD-TV, Notebook PC, PC, Telecom device, Wireless hub / DDR II module, DVD applications, Hand-set applications / 5G base station & infrastructure / EV electric vehicle

#### ■ SPECIFICATIONS

/ Sheet form / Die-cut parts

#### **■ FREQUENCY APPLICATION**

2.4 GHz Wi-Fi Router, Bluetooth3.5 GHz 5G Mobile Networks

5.0 GHz Wi-Fi Router

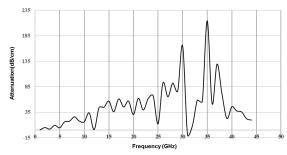
12~18 GHz Low Earth Orbit (LEO) System

28 GHz5G Mobile Networks39 GHz5G Mobile Networks

#### **■ TYPICAL PROPERTIES**

Color         Dark Gray         Visual         -           Surface tack 2-side/1-side         2         -         -           Thickness         Customized         ASTM D374         mm           Density         3.6         ASTM D792         g/cm³           Hardness         55         ASTM D2240         Shore OO           TML         0.04         By LiPOLY         %           Water absorption         0.04         ASTM D570         %           Application temperature         -60~180         -         °C           ROHS & REACH         Compliant         -         -         °C           ROHS & REACH         Compliant         -         -         °C           ROHS & REACH         Compliant         -         -         °C           COMPRESSION@1.0mm         Deflection @10 psi         11         ASTM D5470 modify         %           Deflection @20 psi         15         ASTM D5470 modify         %           Deflection @30 psi         21         ASTM D5470 modify         %           Deflection @40 psi         25         ASTM D5470 modify         %           Deflection @50 psi         30         ASTM D5470 modify         %           E	PROPERTY	TEM96C	TEST METHOD	UNIT	
Thickness	Color	Dark Gray	Visual	-	
Density	Surface tack 2-side/1-side	2	-	-	
Hardness   55	Thickness	Customized	ASTM D374	mm	
TML         0.04         By LiPOLY         %           Water absorption         0.04         ASTM D570         %           Application temperature         -60~180         -         °C           ROHS & REACH         Compliant         -         -           COMPRESSION@1.0mm         Deflection @10 psi         11         ASTM D5470 modify         %           Deflection @20 psi         15         ASTM D5470 modify         %           Deflection @30 psi         21         ASTM D5470 modify         %           Deflection @40 psi         25         ASTM D5470 modify         %           Deflection @50 psi         30         ASTM D5470 modify         %           EMI attenuation @1.0mm         EMI attenuation @1.0mm         EMI attenuation @2.4 GHz         7.0         ASTM D4935 modify         dB/cm           EMI attenuation@3 3.5 GHz         6.7         ASTM D4935 modify         dB/cm           EMI attenuation@12 GHz         43.7         ASTM D4935 modify         dB/cm           EMI attenuation@28 GHz         76.6         ASTM D4935 modify         dB/cm           EMI attenuation@39 GHz         45.5         ASTM D4935 modify         dB/cm           EMI attenuation@39 GHz         45.5         ASTM D4935 modify         d	Density	3.6	ASTM D792	g/cm³	
Water absorption         0.04         ASTM D570         %           Application temperature         -60~180         -         °C           ROHS & REACH         Compliant         -         -           COMPRESSION@1.0mm         Deflection @10 psi         11         ASTM D5470 modify         %           Deflection @20 psi         15         ASTM D5470 modify         %           Deflection @30 psi         21         ASTM D5470 modify         %           Deflection @40 psi         25         ASTM D5470 modify         %           Deflection @50 psi         30         ASTM D5470 modify         %           EMI attenuation @1.0mm         EMI attenuation@2.4 GHz         7.0         ASTM D4935 modify         dB/cm           EMI attenuation@2.3.5 GHz         6.7         ASTM D4935 modify         dB/cm           EMI attenuation@5.0 GHz         15.8         ASTM D4935 modify         dB/cm           EMI attenuation@12 GHz         43.7         ASTM D4935 modify         dB/cm           EMI attenuation@28 GHz         76.6         ASTM D4935 modify         dB/cm           EMI attenuation@39 GHz         45.5         ASTM D4935 modify         dB/cm           ELECTRICAL         Surface resistivity         >1010         ASTM D257	Hardness	55	ASTM D2240	Shore OO	
Application temperature	TML	0.04	By LiPOLY	%	
ROHS & REACH         Compliant         -         -           COMPRESSION@1.0mm         11         ASTM D5470 modify         %           Deflection @20 psi         15         ASTM D5470 modify         %           Deflection @30 psi         21         ASTM D5470 modify         %           Deflection @40 psi         25         ASTM D5470 modify         %           Deflection @50 psi         30         ASTM D5470 modify         %           EMI Attenuation @1.0mm         EMI attenuation@2.4 GHz         7.0         ASTM D4935 modify         dB/cm           EMI attenuation@3.5 GHz         6.7         ASTM D4935 modify         dB/cm           EMI attenuation@5.0 GHz         15.8         ASTM D4935 modify         dB/cm           EMI attenuation@12 GHz         43.7         ASTM D4935 modify         dB/cm           EMI attenuation@28 GHz         76.6         ASTM D4935 modify         dB/cm           EMI attenuation@39 GHz         45.5         ASTM D4935 modify         dB/cm	Water absorption	0.04	ASTM D570	%	
COMPRESSION@1.0mm           Deflection @10 psi         11         ASTM D5470 modify         %           Deflection @20 psi         15         ASTM D5470 modify         %           Deflection @30 psi         21         ASTM D5470 modify         %           Deflection @40 psi         25         ASTM D5470 modify         %           Deflection @50 psi         30         ASTM D5470 modify         %           EMI Attenuation @1.0mm         EMI attenuation@2.4 GHz         7.0         ASTM D4935 modify         dB/cm           EMI attenuation@3.5 GHz         6.7         ASTM D4935 modify         dB/cm           EMI attenuation@5.0 GHz         15.8         ASTM D4935 modify         dB/cm           EMI attenuation@12 GHz         43.7         ASTM D4935 modify         dB/cm           EMI attenuation@28 GHz         76.6         ASTM D4935 modify         dB/cm           EMI attenuation@39 GHz         45.5         ASTM D4935 modify         dB/cm           ELECTRICAL         Surface resistivity         >10¹¹¹         ASTM D257         Ohm           Volume resistivity         >10¹¹¹         ASTM D257         Ohm-m           THERMAL         Thermal impedance@10 psi         0.462         ASTM D5470         "C-in²/ W	Application temperature	-60~180	-	°C	
Deflection @10 psi         11         ASTM D5470 modify         %           Deflection @20 psi         15         ASTM D5470 modify         %           Deflection @30 psi         21         ASTM D5470 modify         %           Deflection @40 psi         25         ASTM D5470 modify         %           Deflection @50 psi         30         ASTM D5470 modify         %           EMI attenuation @1.0mm         EMI attenuation @1.0mm         EMI attenuation @2.4 GHz         7.0         ASTM D4935 modify         dB/cm           EMI attenuation @3.5 GHz         6.7         ASTM D4935 modify         dB/cm           EMI attenuation @12 GHz         43.7         ASTM D4935 modify         dB/cm           EMI attenuation @18 GHz         56.8         ASTM D4935 modify         dB/cm           EMI attenuation @28 GHz         76.6         ASTM D4935 modify         dB/cm           EMI attenuation @39 GHz         45.5         ASTM D4935 modify         dB/cm           ELECTRICAL         Surface resistivity         >10¹¹¹         ASTM D4935 modify         dB/cm           Volume resistivity         >10¹¹¹         ASTM D257         Ohm-m           THERMAL         Thermal conductivity         4.0         ASTM D5470         "C-in²/ W           Therm	ROHS & REACH	Compliant	-	-	
Deflection @20 psi         15         ASTM D5470 modify         %           Deflection @30 psi         21         ASTM D5470 modify         %           Deflection @40 psi         25         ASTM D5470 modify         %           Deflection @50 psi         30         ASTM D5470 modify         %           EMI Attenuation @1.0mm         EMI attenuation @2.4 GHz         7.0         ASTM D4935 modify         dB/cm           EMI attenuation@3.5 GHz         6.7         ASTM D4935 modify         dB/cm           EMI attenuation@5.0 GHz         15.8         ASTM D4935 modify         dB/cm           EMI attenuation@12 GHz         43.7         ASTM D4935 modify         dB/cm           EMI attenuation@18 GHz         56.8         ASTM D4935 modify         dB/cm           EMI attenuation@28 GHz         76.6         ASTM D4935 modify         dB/cm           ELECTRICAL         Surface resistivity         >10¹¹¹         ASTM D257         Ohm           Volume resistivity         >10¹¹¹         ASTM D257         Ohm-m           THERMAL         Thermal impedance@10 psi         0.462         ASTM D5470         °C-in²/ W           Thermal impedance@20 psi         0.426         ASTM D5470         °C-in²/ W           Thermal impedance@40 psi         0	COMPRESSION@1.0mm				
Deflection @30 psi         21         ASTM D5470 modify         %           Deflection @40 psi         25         ASTM D5470 modify         %           Deflection @50 psi         30         ASTM D5470 modify         %           EMI Attenuation @1.0mm         EMI attenuation@2.4 GHz         7.0         ASTM D4935 modify         dB/cm           EMI attenuation@3.5 GHz         6.7         ASTM D4935 modify         dB/cm           EMI attenuation@5.0 GHz         15.8         ASTM D4935 modify         dB/cm           EMI attenuation@12 GHz         43.7         ASTM D4935 modify         dB/cm           EMI attenuation@18 GHz         56.8         ASTM D4935 modify         dB/cm           EMI attenuation@28 GHz         76.6         ASTM D4935 modify         dB/cm           ELECTRICAL         Surface resistivity         >10¹¹         ASTM D257         Ohm           Volume resistivity         >10¹¹         ASTM D257         Ohm-m           THERMAL         Thermal impedance@10 psi         0.462         ASTM D5470         °C-in²/ W           Thermal impedance@20 psi         0.426         ASTM D5470         °C-in²/ W           Thermal impedance@40 psi         0.387         ASTM D5470         °C-in²/ W	Deflection @10 psi	11	ASTM D5470 modify	%	
Deflection @40 psi         25         ASTM D5470 modify         %           Deflection @50 psi         30         ASTM D5470 modify         %           EMI Attenuation @1.0mm         EMI attenuation@ 2.4 GHz         7.0         ASTM D4935 modify         dB/cm           EMI attenuation@ 3.5 GHz         6.7         ASTM D4935 modify         dB/cm           EMI attenuation@ 5.0 GHz         15.8         ASTM D4935 modify         dB/cm           EMI attenuation@ 12 GHz         43.7         ASTM D4935 modify         dB/cm           EMI attenuation@ 18 GHz         56.8         ASTM D4935 modify         dB/cm           EMI attenuation@ 28 GHz         76.6         ASTM D4935 modify         dB/cm           ELECTRICAL         Surface resistivity         >10¹¹         ASTM D4935 modify         dB/cm           ELECTRICAL         Surface resistivity         >10¹¹         ASTM D257         Ohm           Volume resistivity         >10¹¹         ASTM D257         Ohm-m           THERMAL         Thermal conductivity         4.0         ASTM D5470         °C-in²/ W           Thermal impedance@10 psi         0.462         ASTM D5470         °C-in²/ W           Thermal impedance@30 psi         0.404         ASTM D5470         °C-in²/ W	Deflection @20 psi	15	ASTM D5470 modify	%	
Deflection @50 psi         30         ASTM D5470 modify         %           EMI Attenuation @1.0mm         EMI attenuation@ 2.4 GHz         7.0         ASTM D4935 modify         dB/cm           EMI attenuation@ 3.5 GHz         6.7         ASTM D4935 modify         dB/cm           EMI attenuation@ 5.0 GHz         15.8         ASTM D4935 modify         dB/cm           EMI attenuation@ 12 GHz         43.7         ASTM D4935 modify         dB/cm           EMI attenuation@ 18 GHz         56.8         ASTM D4935 modify         dB/cm           EMI attenuation@ 28 GHz         76.6         ASTM D4935 modify         dB/cm           EMI attenuation@ 39 GHz         45.5         ASTM D4935 modify         dB/cm           ELECTRICAL         Surface resistivity         >10 <sup>11</sup> ASTM D4935 modify         dB/cm           Volume resistivity         >10 <sup>11</sup> ASTM D257         Ohm           Volume resistivity         >10 <sup>10</sup> ASTM D257         Ohm-m           THERMAL         Thermal impedance@10 psi         0.462         ASTM D5470         °C-in²/ W           Thermal impedance@20 psi         0.426         ASTM D5470         °C-in²/ W           Thermal impedance@30 psi         0.404         ASTM D5470         °C-in²/ W           Therma	Deflection @30 psi	21	ASTM D5470 modify	%	
EMI Attenuation @1.0mm  EMI attenuation@ 2.4 GHz 7.0 ASTM D4935 modify dB/cm  EMI attenuation@ 3.5 GHz 6.7 ASTM D4935 modify dB/cm  EMI attenuation@ 5.0 GHz 15.8 ASTM D4935 modify dB/cm  EMI attenuation@ 12 GHz 43.7 ASTM D4935 modify dB/cm  EMI attenuation@ 18 GHz 56.8 ASTM D4935 modify dB/cm  EMI attenuation@ 28 GHz 76.6 ASTM D4935 modify dB/cm  EMI attenuation@ 39 GHz 45.5 ASTM D4935 modify dB/cm  EMI attenuation@ 39 GHz 45.5 ASTM D4935 modify dB/cm  ELECTRICAL  Surface resistivity >10¹¹¹ ASTM D257 Ohm  Volume resistivity >10¹¹⁰ ASTM D257 Ohm-m  THERMAL  Thermal conductivity 4.0 ASTM D5470 W/m*K  Thermal impedance@10 psi 0.462 ASTM D5470 °C-in²/ W  Thermal impedance@30 psi 0.404 ASTM D5470 °C-in²/ W  Thermal impedance@30 psi 0.404 ASTM D5470 °C-in²/ W  Thermal impedance@40 psi 0.387 ASTM D5470 °C-in²/ W	Deflection @40 psi	25	ASTM D5470 modify	%	
EMI attenuation@ 2.4 GHz         7.0         ASTM D4935 modify         dB/cm           EMI attenuation@ 3.5 GHz         6.7         ASTM D4935 modify         dB/cm           EMI attenuation@ 5.0 GHz         15.8         ASTM D4935 modify         dB/cm           EMI attenuation@ 12 GHz         43.7         ASTM D4935 modify         dB/cm           EMI attenuation@ 18 GHz         56.8         ASTM D4935 modify         dB/cm           EMI attenuation@ 28 GHz         76.6         ASTM D4935 modify         dB/cm           EMI attenuation@ 39 GHz         45.5         ASTM D4935 modify         dB/cm           ELECTRICAL         Surface resistivity         >10¹¹¹         ASTM D257         Ohm           Volume resistivity         >10¹¹¹         ASTM D257         Ohm-m           THERMAL         Thermal conductivity         4.0         ASTM D5470         °C-in²/ W           Thermal impedance@10 psi         0.462         ASTM D5470         °C-in²/ W           Thermal impedance@30 psi         0.404         ASTM D5470         °C-in²/ W           Thermal impedance@40 psi         0.387         ASTM D5470         °C-in²/ W	Deflection @50 psi	30	ASTM D5470 modify	%	
EMI attenuation@ 3.5 GHz         6.7         ASTM D4935 modify         dB/cm           EMI attenuation@ 5.0 GHz         15.8         ASTM D4935 modify         dB/cm           EMI attenuation@ 12 GHz         43.7         ASTM D4935 modify         dB/cm           EMI attenuation@ 18 GHz         56.8         ASTM D4935 modify         dB/cm           EMI attenuation@ 28 GHz         76.6         ASTM D4935 modify         dB/cm           EMI attenuation@ 39 GHz         45.5         ASTM D4935 modify         dB/cm           ELECTRICAL         Surface resistivity         >10 <sup>11</sup> ASTM D257         Ohm           Volume resistivity         >10 <sup>10</sup> ASTM D257         Ohm-m           THERMAL         Thermal conductivity         4.0         ASTM D5470         "C-in²/ W           Thermal impedance@10 psi         0.462         ASTM D5470         "C-in²/ W           Thermal impedance@30 psi         0.404         ASTM D5470         "C-in²/ W           Thermal impedance@40 psi         0.387         ASTM D5470         "C-in²/ W           Thermal impedance@40 psi         0.387         ASTM D5470         "C-in²/ W	EMI Attenuation @1.0mm				
EMI attenuation@ 5.0 GHz         15.8         ASTM D4935 modify         dB/cm           EMI attenuation@ 12 GHz         43.7         ASTM D4935 modify         dB/cm           EMI attenuation@ 18 GHz         56.8         ASTM D4935 modify         dB/cm           EMI attenuation@ 28 GHz         76.6         ASTM D4935 modify         dB/cm           EMI attenuation@ 39 GHz         45.5         ASTM D4935 modify         dB/cm           ELECTRICAL         Surface resistivity         >10¹¹¹         ASTM D257         Ohm           Volume resistivity         >10¹¹⁰         ASTM D257         Ohm-m           THERMAL         Thermal conductivity         4.0         ASTM D5470         "C-in²/ W           Thermal impedance@10 psi         0.462         ASTM D5470         "C-in²/ W           Thermal impedance@30 psi         0.404         ASTM D5470         "C-in²/ W           Thermal impedance@40 psi         0.387         ASTM D5470         "C-in²/ W           Thermal impedance@40 psi         0.387         ASTM D5470         "C-in²/ W	EMI attenuation@ 2.4 GHz	7.0	ASTM D4935 modify	dB/cm	
EMI attenuation@ 12 GHz         43.7         ASTM D4935 modify         dB/cm           EMI attenuation@ 18 GHz         56.8         ASTM D4935 modify         dB/cm           EMI attenuation@ 28 GHz         76.6         ASTM D4935 modify         dB/cm           EMI attenuation@ 39 GHz         45.5         ASTM D4935 modify         dB/cm           ELECTRICAL         Surface resistivity         >10¹¹         ASTM D257         Ohm           Volume resistivity         >10¹⁰         ASTM D257         Ohm-m           THERMAL         Thermal conductivity         4.0         ASTM D5470         W/m*K           Thermal impedance@10 psi         0.462         ASTM D5470         °C-in²/ W           Thermal impedance@20 psi         0.426         ASTM D5470         °C-in²/ W           Thermal impedance@30 psi         0.404         ASTM D5470         °C-in²/ W           Thermal impedance@40 psi         0.387         ASTM D5470         °C-in²/ W	EMI attenuation@ 3.5 GHz	6.7	ASTM D4935 modify	dB/cm	
EMI attenuation@ 18 GHz         56.8         ASTM D4935 modify         dB/cm           EMI attenuation@ 28 GHz         76.6         ASTM D4935 modify         dB/cm           EMI attenuation@ 39 GHz         45.5         ASTM D4935 modify         dB/cm           ELECTRICAL         Surface resistivity         >10¹¹         ASTM D257         Ohm           Volume resistivity         >10¹⁰         ASTM D257         Ohm-m           THERMAL           Thermal conductivity         4.0         ASTM D5470         W/m*K           Thermal impedance@10 psi         0.462         ASTM D5470         °C-in²/ W           Thermal impedance@20 psi         0.426         ASTM D5470         °C-in²/ W           Thermal impedance@30 psi         0.404         ASTM D5470         °C-in²/ W           Thermal impedance@40 psi         0.387         ASTM D5470         °C-in²/ W	EMI attenuation@ 5.0 GHz	15.8	ASTM D4935 modify	dB/cm	
EMI attenuation@ 28 GHz         76.6         ASTM D4935 modify         dB/cm           EMI attenuation@ 39 GHz         45.5         ASTM D4935 modify         dB/cm           ELECTRICAL         Surface resistivity         >10¹¹         ASTM D257         Ohm           Volume resistivity         >10¹¹         ASTM D257         Ohm-m           THERMAL         Thermal conductivity         4.0         ASTM D5470         W/m*K           Thermal impedance@10 psi         0.462         ASTM D5470         °C-in²/ W           Thermal impedance@20 psi         0.426         ASTM D5470         °C-in²/ W           Thermal impedance@30 psi         0.404         ASTM D5470         °C-in²/ W           Thermal impedance@40 psi         0.387         ASTM D5470         °C-in²/ W	EMI attenuation@ 12 GHz	43.7	ASTM D4935 modify	dB/cm	
EMI attenuation@ 39 GHz         45.5         ASTM D4935 modify         dB/cm           ELECTRICAL         Surface resistivity         >10¹¹         ASTM D257         Ohm           Volume resistivity         >10¹⁰         ASTM D257         Ohm-m           THERMAL         Thermal conductivity         4.0         ASTM D5470         W/m*K           Thermal impedance@10 psi         0.462         ASTM D5470         °C-in²/ W           Thermal impedance@20 psi         0.426         ASTM D5470         °C-in²/ W           Thermal impedance@30 psi         0.404         ASTM D5470         °C-in²/ W           Thermal impedance@40 psi         0.387         ASTM D5470         °C-in²/ W	EMI attenuation@ 18 GHz	56.8	ASTM D4935 modify	dB/cm	
ELECTRICAL         Surface resistivity         >10¹¹¹         ASTM D257         Ohm           Volume resistivity         >10¹⁰         ASTM D257         Ohm-m           THERMAL           Thermal conductivity         4.0         ASTM D5470         W/m*K           Thermal impedance@10 psi         0.462         ASTM D5470         °C-in²/ W           Thermal impedance@20 psi         0.426         ASTM D5470         °C-in²/ W           Thermal impedance@30 psi         0.404         ASTM D5470         °C-in²/ W           Thermal impedance@40 psi         0.387         ASTM D5470         °C-in²/ W	EMI attenuation@ 28 GHz	76.6	ASTM D4935 modify	dB/cm	
Surface resistivity         >10¹¹         ASTM D257         Ohm           Volume resistivity         >10¹⁰         ASTM D257         Ohm-m           THERMAL           Thermal conductivity         4.0         ASTM D5470         W/m*K           Thermal impedance@10 psi         0.462         ASTM D5470         °C-in²/ W           Thermal impedance@20 psi         0.426         ASTM D5470         °C-in²/ W           Thermal impedance@30 psi         0.404         ASTM D5470         °C-in²/ W           Thermal impedance@40 psi         0.387         ASTM D5470         °C-in²/ W	EMI attenuation@ 39 GHz	45.5	ASTM D4935 modify	dB/cm	
Volume resistivity         >10¹⁰         ASTM D257         Ohm-m           THERMAL         Thermal conductivity         4.0         ASTM D5470         W/m*K           Thermal impedance@10 psi         0.462         ASTM D5470         °C-in²/ W           Thermal impedance@20 psi         0.426         ASTM D5470         °C-in²/ W           Thermal impedance@30 psi         0.404         ASTM D5470         °C-in²/ W           Thermal impedance@40 psi         0.387         ASTM D5470         °C-in²/ W	ELECTRICAL				
THERMAL           Thermal conductivity         4.0         ASTM D5470         W/m*K           Thermal impedance@10 psi         0.462         ASTM D5470         °C-in²/ W           Thermal impedance@20 psi         0.426         ASTM D5470         °C-in²/ W           Thermal impedance@30 psi         0.404         ASTM D5470         °C-in²/ W           Thermal impedance@40 psi         0.387         ASTM D5470         °C-in²/ W	Surface resistivity	>1011	ASTM D257	Ohm	
Thermal conductivity         4.0         ASTM D5470         W/m*K           Thermal impedance@10 psi         0.462         ASTM D5470         °C-in²/ W           Thermal impedance@20 psi         0.426         ASTM D5470         °C-in²/ W           Thermal impedance@30 psi         0.404         ASTM D5470         °C-in²/ W           Thermal impedance@40 psi         0.387         ASTM D5470         °C-in²/ W	Volume resistivity	>1010	ASTM D257	Ohm-m	
Thermal impedance@10 psi         0.462         ASTM D5470         °C-in²/ W           Thermal impedance@20 psi         0.426         ASTM D5470         °C-in²/ W           Thermal impedance@30 psi         0.404         ASTM D5470         °C-in²/ W           Thermal impedance@40 psi         0.387         ASTM D5470         °C-in²/ W	THERMAL				
Thermal impedance@20 psi         0.426         ASTM D5470         °C-in²/ W           Thermal impedance@30 psi         0.404         ASTM D5470         °C-in²/ W           Thermal impedance@40 psi         0.387         ASTM D5470         °C-in²/ W	Thermal conductivity	4.0	ASTM D5470	W/m*K	
Thermal impedance@30 psi         0.404         ASTM D5470         °C-in²/ W           Thermal impedance@40 psi         0.387         ASTM D5470         °C-in²/ W	Thermal impedance@10 psi	0.462	ASTM D5470	°C-in²/ W	
Thermal impedance@40 psi 0.387 ASTM D5470 °C-in²/ W	Thermal impedance@20 psi	0.426	ASTM D5470	°C-in²/ W	
	Thermal impedance@30 psi	0.404	ASTM D5470	°C-in²/ W	
Thermal impedance@50 psi 0.353 ASTM D5470 °C-in²/ W	Thermal impedance@40 psi	0.387	ASTM D5470	°C-in²/ W	
	Thermal impedance@50 psi	0.353	ASTM D5470	°C-in²/ W	

#### **Attenuation**



## Thermal Resistance vs. Pressure vs. Deflection

