

PK700

Thermal Conductive Gel Pad

LiPOLY PK700 is a material designed for gap filling. The thermal conductivity is 7.0 W/m*K. The hardness is Shore OO/55 with high flexibility, high compressibility, high insulating, great self-adhesive, which can cover the tolerance of design making it very stable. It also offers customized shape molding service.

■ FEATURES

- / Thermal conductivity: 7.0 W/m*K
- / Naturally tacky for ease of manufacture
- / Low thermal impedance
- / Available in a range of thicknesses

■ TYPICAL APPLICATION

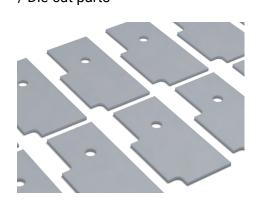
- / Notebook computers
- / Heat pipe assemblies
- / Memory modules
- / TV hardware
- / Automotive electronics
- / Mobile devices
- / High speed mass storage drives
- / Set-top box
- / IP CAM
- / 5G base station & infrastructure
- / EV electric vehicle

■ TYPICAL PROPERTIES

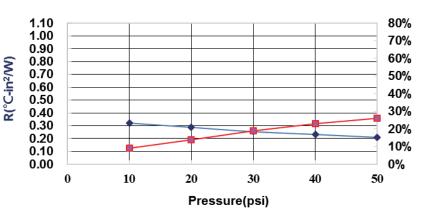
Visual -	-
-	
	-
ASTM D374	mm
ASTM D792	g/cm³
ASTM D2240	Shore OO
-	°C
-	-
STM D5470 modify	%
ASTM D149	KV/mm
ASTM D257	Ohm
ASTM D257	Ohm-m
'	
ASTM D5470	W/m*K
ASTM D5470	°C-in²/ W
ASTM D5470	°C-in²/W
.:	ASTM D792 ASTM D2240 STM D5470 modify ASTM D149 ASTM D257 ASTM D257 ASTM D257 ASTM D5470

■ SPECIFICATIONS

/ Roll form / Sheet form / Die-cut parts



Thermal Impedance vs. Pressure vs. Deflection



Deflection(%

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