

# TR332CU

## Complex Thermal Conductive Film

LiPOLY TR332CU has outstanding paralleled thermal conduction, and flexibility, which is suitable for thin type and high capability' s mobile device. Now, the growing trend of electronic product is high speed and thin type, TR332 will be the best choice for it. LiPOLY' s ability of research and development is providing our best thermal solution to customers, which can satisfy customer special requirement on advanced product.



### Features-

- Excellent thermal radiation
- Replace of using graphite / re-workable
- Good adhesion

### Typical Applications-

- Set top box
- NB
- Projector
- Mobile phone
- Hand held devices

### Specifications-

- Sheet form
- Die-cut parts

PROPERTY	TR332CU	TEST METHOD	UNIT
Color	Black	Visual	-
Overall Thickness	0.12	ASTM D374	mm
PET Layer Thickness	0.01	ASTM D374	mm
Graphite Layer Thickness	0.025	ASTM D374	mm
Copper Layer Thickness	0.06	ASTM D374	mm
Acrylic Layer Thickness	0.025	- ASTM D374	mm
Application temperature	-60~120	-	°C
Short time Temp. @30sec	150	-	°C
<b>RADIATION</b>			
Heat emissivity coefficient	0.96	ASTM C 1371	-
<b>ELECTRICA</b>			
Dielectric strength(AC)	1.5	ASTM D 149	KV
<b>THERMAL</b>			
Thermal Conductivity XY axis	1500	ASTM D5470	W/m*K
Thermal Conductivity Z axis	5	ASTM D5470	W/m*K

※ These data are provided for reference only. Engineers are reminded to test the material in varied application.