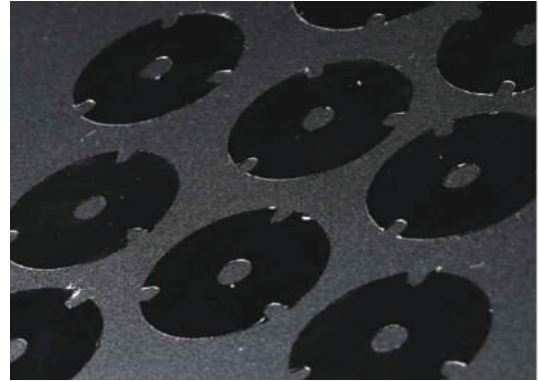


TR332CU

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	-
Thickness	0.10	0.15	ASTM D374	mm
Weight loss	<0.1	<0.1	-	%
Application temperature	-60~120	-60~120	-	°C
Short time Temp. @30sec	150	150	-	°C
ADHESION				
Initial tack	25	11	PSTC-6	cm
RADIATION				
Heat emissivity coefficient	0.96	0.96	ASTM C1371	-
ELECTRICAL				
Dielectric strength(AV)	1	1.5	ASTM D149	KV
Surface resistivity	>10 ¹¹	>10 ¹¹	ASTM D257	Ohm
Volume resistivity	>10 ¹¹	>10 ¹¹	ASTM D257	Ohm-m
THERMAL				
Thermal Conductivity XY axis	1500	1500	ASTM D5470	W/m*K
Thermal Conductivity Z axis	1.2	1.2	ASTM D5470	W/m*K

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