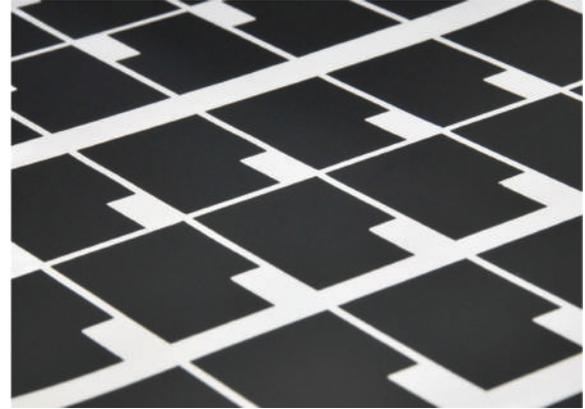


G566

Graphite Sheet

LiPOLY G566 Graphite Sheet has great thermal conductivity, X,Y axis , the thermal conductivity is 1700W/m*k. It is flexible, 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, in the case, G566 will be the best choice.

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-

- Thermal conductivity: 1500~1700W/m*K
- Good average temperature
- Easy to assemble
- Lightweight, Specific gravity 2.1g/cm³
- Low thermal resistance

Typical Applications-

- Smart phones, Mobile phones
- LED,DSC,DVD appliance
- Hand held devices

Specifications-

- Sheet form
- Die-cut parts

Typical Properties-

PROPERTY	G566	TEST METHOD	UNIT
Thickness	2.1	Micrometer	μm
Density	2.1	Archimedes law	g/cm ³
Heat resistance	400	-	°C
Flexibility	Flexible	-	-
ELECTRICAL			
Electrical Conductivity	20000	JIS K7194	S/cm
THERMAL			
Thermal Conductivity	XY axis	1500~1700	AC calorimeter
	Z axis	5	Laser flash
Thermal Diffusivity	8.92	AC calorimeter	cm ² /s
Heat Capacity(SHC)	0.895	-	J/g-K