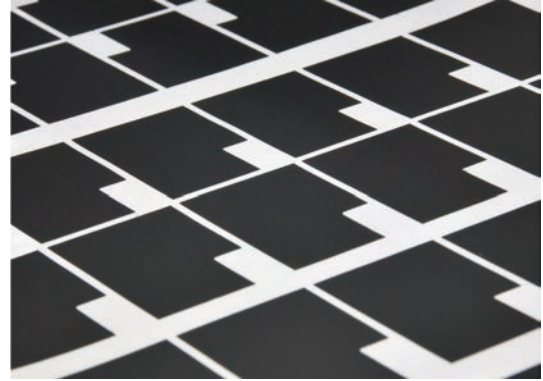


G566

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

PROPERTY	G566		TEST METHOD	UNIT
Thickness	21		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	W/m-K
	Z axis	5	Laser flash	W/m-K
Thermal Diffusivity	8.92		AC calorimeter	cm ² /s
Heat Capacity(SHC)	0.895		-	J/g-K

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