

GRAPHITE 5050-1100

Graphite Sheet

5050-1100 base material is 50um Graphite Sheet.PET release liner attached to back side , this product is used as heat spreader parts.

PRODUCT STRUCTURE



HOW TO ORDER

Patron GRAPHITE 5050-1100 XXX-YYY-ZZmm

XXX = width in mm

YYY = depth in mm

ZZ = thickness in mm

<https://www.patron-components.com/>

TYPICAL PROPERTIES

Item		Value
Thickness (μm)		50
		50±5
Thermal Conductivity	X-Y Ax. (w/m.k)	1100~1300
In-plane Thermal Diffusivity (mm²/s)		760~900
Density(g/cm3)		1.70±0.1
Heat capacity(85°C)(J/g/K)		0.850±0.01
Operation temperature(°C)		-40~400
Bending(angle180°,R2)		20000
Storage Conditions : Storage temperature : 5~30°C.Do not expose Low temperat ure(Less than 0°C) and High temperature (Over 40°C) and High humidity (Ove r70%RH) and the direct rays of the sun.		