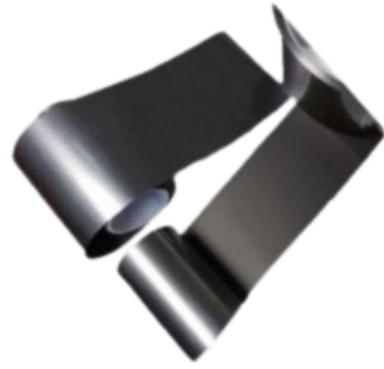


石墨系列 GH Series

Graphite

• GHK • GHP • GHE



項目 Test item	測試方法 Detection methods and tools	GHK50	GHP50	GHE60	GHP60	GHK100	GHE100	GHP100
外觀 Inspection of appearance	目視 visual	灰色 Gray	灰色 Gray	灰色 Gray	灰色 Gray	灰色 Gray	灰色 Gray	灰色 Gray
厚度 Thickness	ASTM-D374	45~55 μm	45~55 μm	54~66 μm	54~66 μm	90~110 μm	90~110 μm	90~110 μm
密度 Density	ASTM-D792	$\geq 1.85\text{g/cm}^3$	$\geq 1.85\text{g/cm}^3$	$\geq 1.85\text{g/cm}^3$	$\geq 1.85\text{g/cm}^3$	$\geq 1.35\text{g/cm}^3$	$\geq 1.80\text{g/cm}^3$	$\geq 1.80\text{g/cm}^3$
導熱係數 Heat conductivity coefficient	ASTM-E1461	$\geq 1400\text{w}/(\text{m}^*\text{k})$	$\geq 1600\text{w}/(\text{m}^*\text{k})$	$\geq 1400\text{w}/(\text{m}^*\text{k})$	$\geq 1600\text{w}/(\text{m}^*\text{k})$	$\geq 1000\text{w}/(\text{m}^*\text{k})$	$\geq 1300\text{w}/(\text{m}^*\text{k})$	$\geq 1500\text{w}/(\text{m}^*\text{k})$
電導率 Electrical conductivity	ASTM-C611	10000s/cm	10000s/cm	10000s/cm	10000s/cm	10000s/cm	10000s/cm	10000s/cm
彎折 Bending test	ASTM-D2176	≥ 10000 times	≥ 10000 times	≥ 10000 times	≥ 10000 times	≥ 10000 times	≥ 10000 times	≥ 10000 times
比熱 Specific Heat/50°C	ASTM-E1269	0.85J/(g*K)	0.85J/(g*K)	0.85J/(g*K)	0.85J/(g*K)	0.85J/(g*K)	0.85J/(g*K)	0.85J/(g*K)
抗拉強度 Extensional strength	ASTM-D882	$\geq 40\text{MPa}$	$\geq 40\text{MPa}$	$\geq 40\text{MPa}$	$\geq 40\text{MPa}$	$\geq 40\text{MPa}$	$\geq 40\text{MPa}$	$\geq 40\text{MPa}$
耐溫性 Heat resistance	ASTM-D4881	-55~400°C	-55~400°C	-55~400°C	-55~400°C	-55~400°C	-55~400°C	-55~400°C