



Manion HST - 高熱伝導放熱シート

Manion HST - high property, high thermal sheet -

高熱伝導率、柔軟性、密着性 をもつ放熱シート（開発品）

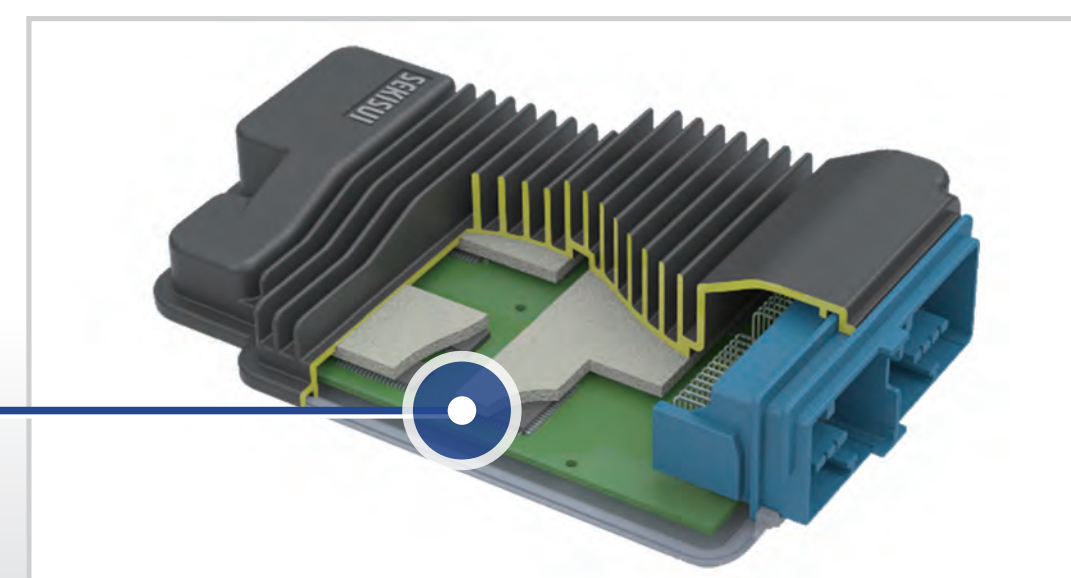
Thermal conductive sheet with
high thermal conductivity, flexibility and adhesion

用途事例

Potential applications

ECU等の発熱部品

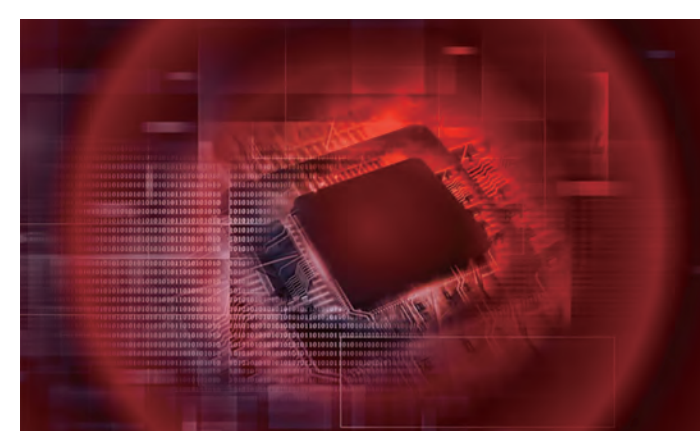
Heat generation component such as ECU



Challenge

高温によるチップのパフォーマンス低下

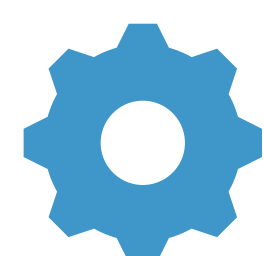
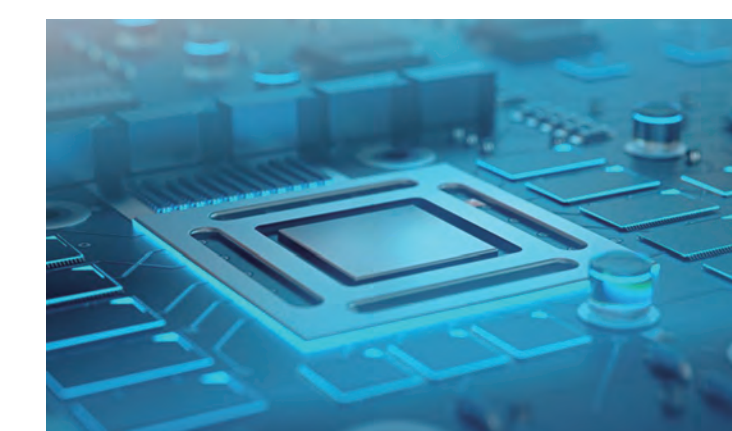
Chip performance degradation due to high temperatures



Solution

磁場配向技術による高い放熱性

High heat dissipation by magnetic field orientation technology



Technology 技術情報

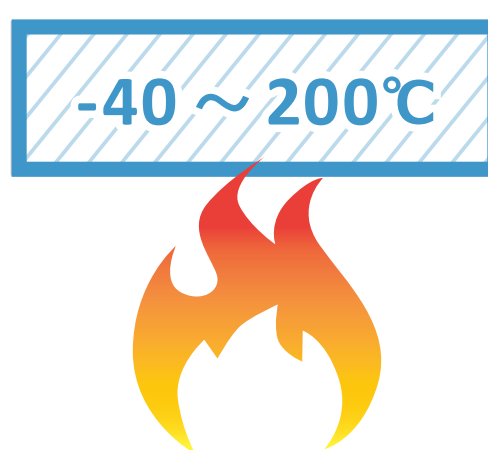
Technical overview

feature
01

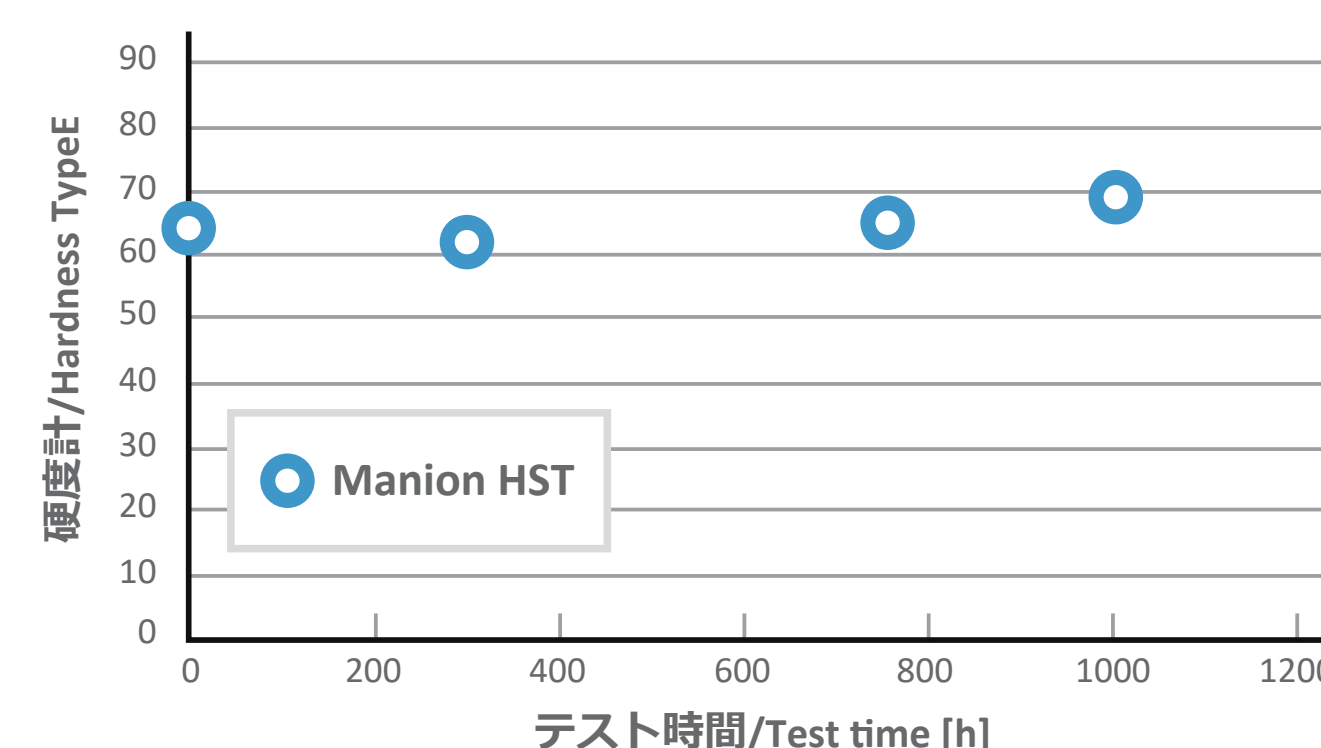
高耐熱性

High thermal resistance

高発熱部位での使用が可能です。
Suitable for use in high heat generation area.



硬度変化 (230°C)

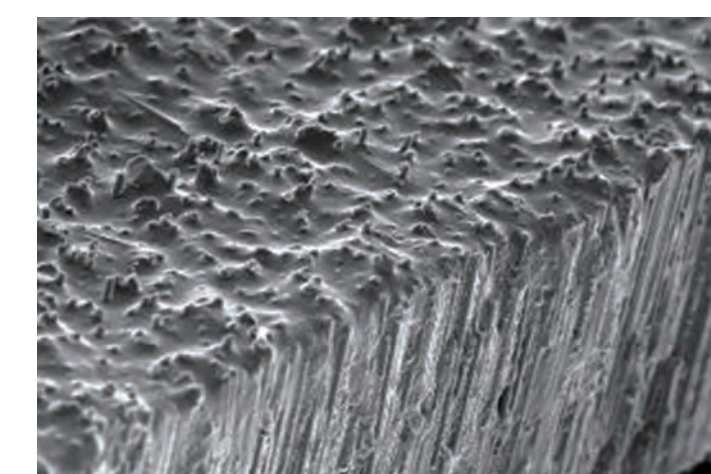


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02

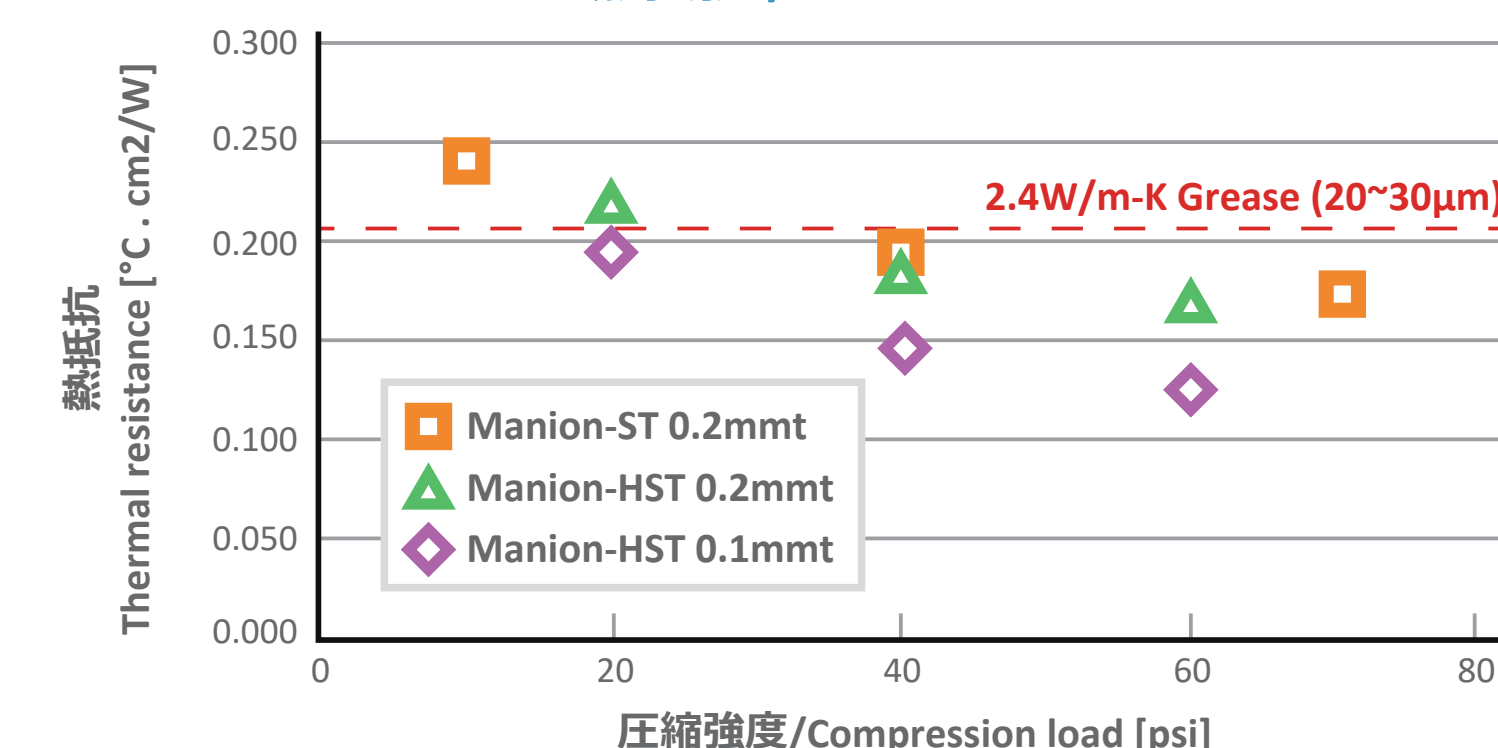
超低熱抵抗

Extremely low thermal resistance

独自の磁場配向技術
Original magnetic field orientation technology



熱抵抗 / Thermal resistance

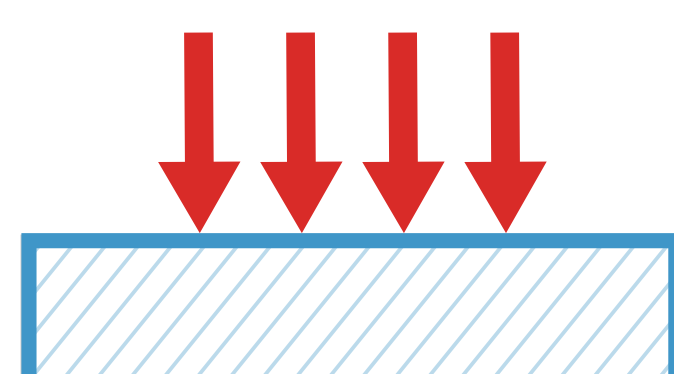


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03

高強度

High physical strength

高圧に耐える設計
Designed to withstand high-pressure



	従来品 Current product	Mainon HST
240 psi		
1000 psi		

feature
04

豊富なラインナップ

Variable product line-up

Item	Unit	MANION-35	MANION-50α	MANION-D5	MANION-ST	MANION-HST (development)
Thermal Conductivity	W/m · K	16	17	25	25	25
Specific Gravity	-	2.4	2.4	1.9	2.1	2.3
Hardness	Type E	20	50	22	40	60
Operating temperature	°C	-40~150	-40~150	-40~150	-40~150	-40~200
Thickness	mm	0.5~3.0	0.2~1.0	1.0~3.0	0.2~0.3	0.15~



展示会特設Webサイト
1/29 (月) より製品資料公開
Exhibition Special Website
Document D/L from Mon, 29 Jan.

