

## Technical Data Sheet

**Product Name:** Titanium Foam  
**Catalog No.:** TI1816  
**Porosity:** >35%  
**Color:** Grey



### Specification

Shape	Thickness, mm	Porosity
Plate, Sheet, belt or customized	0.3-100	>35%

### Properties

Properties	Unit	Value
Specific Heat	Cal/g/K @ 25 °C	0.125
Tensile Strength	MPa	140
Thermal Conductivity	W/(m·K) @ 298.2 K	21.9
Thermal Expansion	$\mu\text{m}\cdot\text{m}^{-1}\cdot\text{K}^{-1}$ (25 °C)	8.6
Vickers Hardness	MPa	830–3420
Young's Modulus	GPa	116

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By..... *Woman* .....