

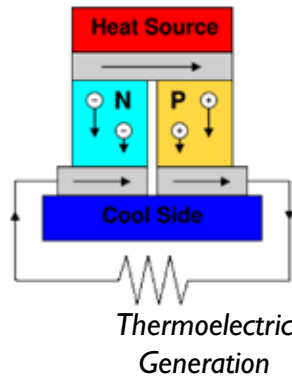
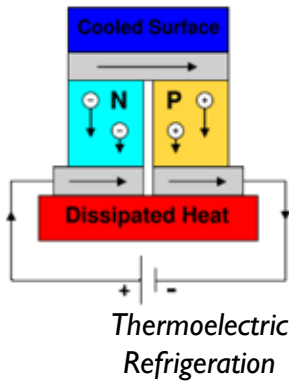
Thermoelectric Materials 热电材料

Pioneer Materials, Inc. (PMI) has expertise in controlling purity and composition for difficult to manufacture compounds:

- proprietary compound formation
- powder processing
- material consolidation/densification
- machining bonding

先锋材料有限公司 (PMI) 在控制化合物的纯度和成分上有着关键性的独特技术
独特的化合物形成技术

粉末处理
材料烧结/压实
机械加工/焊接

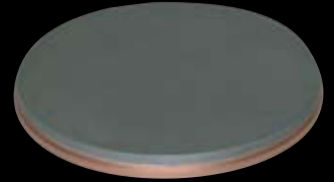


Compounds

Bi₂Se₃
Bi₂Te₃
Sb₂Te₃
BiSbTe
(GeTe)_x(AgSbTe₂)_y
BiTeSe
SiGe
SiO
PbTe

Composition	ICP-OES
Purity	99.99% & 99.999%
Density	97%+
Size	Up to 300mm OD or 1,600mm x 150mm
Tolerance	Diameter +/-0.25mm Thickness +/-0.13mm
Surface Finish	32 RMS (micro-in)

PMI Materials



PMI Chengdu Fab I



Expanded 41,000 sq. ft facility

占地41,000平方英尺, 3,850平方米,
年产量可达40,000片靶材

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