

## **High-Temperature Seebeck Coefficient Standard (295 K to 900 K)**

Art. ID	NIST-3452
Unit	bar
Deliverydetails	No Dangerous Good /not restricted

### Description

This Standard Reference Material (SRM) 3452 is intended primarily for use in instrument validation and interlaboratory data comparison in the temperature range of 295 K to 900 K to support the research, development, and production of materials and devices related to thermoelectric based energy conversion applications. The Seebeck coefficient is the proportionality constant that quantifies the thermoelectric energy conversion of an applied temperature difference into an electric potential. A unit of SRM 3452 is a bar-shaped artifact (with nominal dimensions of 2.5 mm x 2.5 mm x 14.0 mm) of p-type boron-doped polycrystalline silicon-germanium (with a nominal composition of Si<sub>80</sub>Ge<sub>20</sub>).

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
Please ask for current certificate						