

203.15 - Thermal Conductivity of Iron (rod form), Fibrous Glass, and Polystyrene

For further information for SRM 1453 see: [SP260-175](#)

Also see: Table [203.17](#)

PLEASE NOTE: The tables are presented to facilitate comparisons among a family of materials to help customers select the best SRM for their needs. For specific values and uncertainties, the certificate is the only official source.

SRM	1450e	1453	8420
Description	Thermal Conductivity - Fibrous Glass Board	Thermal Conductivity - Expanded Polystyrene Board	Electrolytic Iron
Unit Size	(each)	(each)	(0.64 D x 5.0)
Conductivity at 293 K ($W \cdot m^{-1} \cdot K^{-1}$)	0.032	0.033	77.9
Temperature Range (K)	280 to 360	281 to 313	2 to 1000

- Certified values are normal font
- Reference values are italicized
- Values in parentheses are for information only