Thermal Properties of Fused Quartz

**Coefficient of Expansion**

Representative coefficient of expansion of fused quartz.
Source: Momentive®

**Thermal Diffusivity**

Representative thermal diffusivity of fused quartz.
Source: Momentive®

**Heat Capacity**

Representative heat capacity of fused quartz.
Source: R.B Sosman, The Properties of Silica, 1927

**Thermal Conductivity**

Representative thermal conductivity of fused quartz.
Source: Momentive®

**Viscosity Test**

Representative viscosity of fused quartz.
Source: Momentive®

**Diffusion Tubing, Collapse vs. Time for Tube ID**

Temp. = 1200°C; w.t. + 3.0mm
Source: Momentive®

**Diffusion Tubing, Collapse vs. Time for Wall Thickness**

Temp. = 1200°C; I.D. + 135mm
Source: Momentive®

*Typical data are average data and actual values may vary. Typical data value should not be used as specifications.*
Thermal Properties of Fused Quartz

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