Unique Formulation Capability
Momentive offers the capability to modify quartz in high temperature melting regimes to achieve various targeted properties. The integration of our formulation expertise and our high-purity quartz materials enables Momentive to offer a unique solution. Our high-volume production capability can potentially reduce your cost of ownership. As a current supplier into highly-demanding industries, Momentive implements strict quality controls and processes.

Material Properties
With unique formulation capabilities, Momentive can modify various quartz properties and perform sophisticated in-house analytics to characterize the final product.
- Transmission spectra
- Index of refraction and dispersion
- Laser properties based on rare earth identity / content
- Maximum application temperature
- Coefficient of thermal expansion
- Thermal shock resistance
- Chemical durability
- Others

Available Forms
High-purity doped quartz material is available in the following forms, providing increased flexibility depending on the specific application:
- Large solid ingot (72” diameter, 21” height)
- Tubing (up to 600mm diameter)
- Rod (up to 50 mm diameter)
- Crucibles and other shapes

Existing Products
The following products with unique material properties are currently commercially-available:
- UV blocking
  - Grades GE219, GE254
- Opaque
  - Grade GE124 HDO
- Lower softening point:
  - Grades GE207, GE247, GE277

Momentive Performance Materials
22557 WEST LUNN ROAD
STRONGSVILLE, OH 44149 USA
PHONE: 440.878.5700
FAX: 440.878.5928
www.momentive.com

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