

# Quartz Rods

## A New Benchmark

Momentive's quartz rods are precision-formed from high-purity fused quartz to deliver outstanding dimensional control, thermal resistance, and clarity. Available in single-end and multiple-end designs, our rods are engineered to meet the demands of high-performance applications across lighting, semiconductor, photonics, and laboratory markets.

### PRODUCTS

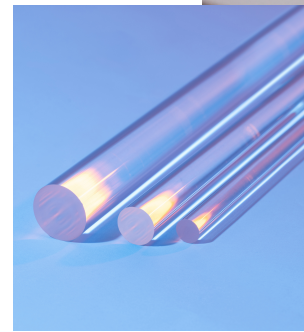
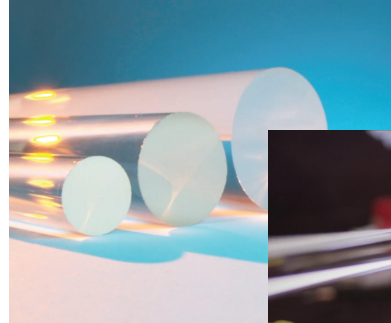
- Diameters up to 45mm
- Custom diameters and lengths available

### PROPERTIES

- Outstanding mechanical and thermal performance
- Extremely high purity for demanding applications
- Bubble / airline-free options

### PRODUCTS/GRADES

Purity Format	High purity natural sand	Low alkali natural sand	Low aluminum / low alkali natural sand	Ultra high purity synthetic sand
<b>Rod</b>	214	224	244	021



Purity.  
Resilience.  
Precision.



## TYPICAL MOMENTIVE QUARTZ GRADE IMPURITY LEVELS (PPMW)

	Al	Ca	Cu	Fe	Li	Mg	Mn	K	Na	Ti	Zr
<b>214</b>	15	0.5	<0.04	0.2	0.5	<0.05	<0.05	0.4	0.8	1.0	0.9
<b>224</b>	8	0.6	<0.003	0.2	0.2	<0.1	<0.05	0.1	0.1	1.4	0.6
<b>224LD</b>	15	0.5	<0.009	0.2	0.001	<0.05	<0.05	0.4	<0.05	1.00	0.9
<b>244</b>	8	0.6	<0.003	0.2	0.2	<0.1	<0.05	0.1	0.1	1.4	0.6
<b>021</b>	0.02	<0.05	<0.03	0.08	<0.05	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05

### PATENT STATUS

Nothing contained herein shall be construed to imply the nonexistence of any relevant patents or to constitute the permission, inducement or recommendation to practice any invention covered by any patent, without authority from the owner of the patent.

### PRODUCT SAFETY, HANDLING AND STORAGE

Customers should review the latest Material Safety Data Sheet (MSDS) and label for product safety information, safe handling instructions, personal protective equipment if necessary, emergency service contact information, and any special storage conditions required for safety. For product storage and handling procedures to maintain the product quality within our stated specifications, please review Certificates of Analysis, which are available in the Order Center.

### LIMITATIONS

Customers must evaluate Momentive Performance Materials Quartz, Inc. ("Momentive Technologies") products and make their own determination as to fitness of use in their particular applications.

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