

Lorh La Seng Commercial Sole Company Limited

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Detailed Product Information & ICP-MS Data

Quality Assurance & Testing

Our high-purity quartz undergoes rigorous testing at every stage of production. We employ state-of-the-art ICP-MS (Inductively Coupled Plasma Mass Spectrometry) to ensure trace element concentrations meet or exceed industry standards. Each batch is tested for over 40 elements to guarantee consistent purity.

Applications by Industry

Semiconductor Industry	Ultra-pure quartz crucibles, wafer processing, etching chemicals
Solar Energy	Photovoltaic cell production, quartz tubes for ingot growing
Optical Fiber	Preform production, high-transparency fiber optics
Specialty Glass	Low-expansion glass, UV-transmitting optics
Research & Development	Laboratory equipment, custom formulations

Boron & Critical Impurities Control

Boron content is critical for semiconductor applications. Our specialized purification process reduces boron to < 0.3 ppm, well below industry requirements. We also control alkali metals (Na, K, Li) and transition metals (Fe, Ti, Cr) to ultra-trace levels.

Particle Size Options

Grade	Particle Size	Best For
Fine Powder	< 45 µm	Coatings, ceramics
Standard Sand	100-500 µm	Glass production
Coarse Sand	500-1000 µm	Crucibles, refractories
Granules	1-5 mm	Filtration, specialty applications
Custom	Per specification	Your specific needs

Request Your Free Sample Today

We offer complimentary 2-5 kg samples for qualified buyers. Contact us with your specifications, and we'll prepare a sample batch with full COA documentation.