

Russian Quartz

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RQ-2K High Purity Quartz

RQ-2K is manufactured from unique Quartz deposit in Kyshtym, Russia.

Kyshtym quartz has the highest chemical purity and good transparency, and for more than 60 years been successfully used as raw material for quartz tubes of various diameter, ingots and crucibles for photovoltaic and semi-conductor industries.

RQ-2K is suited for use in the middle layer of crucibles for PV industry and middle/outer layer for semiconductor industry, and also for production of quartz tubes and ingots.

There are also special subcategories of RQ-2K grade designed especially for the production of macro and micro silicon carbide granules and powders, as well as for some other applications.

Chemical content, ppm

	Al	B	Ca	Cr	Cu	Fe	K	Li	Mg	Mn	Na	Ni	Ti
Specification	5	0.1	0.5	0.1	0.1	0.4	0.3	0.4	0.2	0.01	0.5	0.01	3

Particle size distribution

Mesh size	Micron (μm)	Limit (wt %)
>50	> 300	≤1
200 - 50	75-300	≥98.5
<200	< 75	≤0.5

* The quality assurance period for the product is 12 months from the date of delivery to the consumer.
The product must be stored in undamaged Manufacturer's package in a clean, well-ventilated premise, protected from the ultraviolet radiation, with a relative air humidity of less than 75%.

