

Russian Quartz

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RQ-1K High Purity Quartz

RQ-1K 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-1K is extra-high pure grade developed for semiconductor crucibles and quartz glass for semiconductor industry, the product also can be applied as inner layer of PV crucibles.

Chemical content, ppm

	Al	B	Ca	Cr	Cu	Fe	K	Li	Mg	Mn	Na	Ni	Ti
Specification	4	0.1	0.3	0.01	0.01	0.1	0.1	0.4	0.1	0.01	0.1	0.01	3

Particle size distribution

Mesh size	Micron (μm)	Limit (wt %)
>80	> 180	≤ 2
200 - 80	75-180	≥ 93
<200	< 75	≤ 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%.

