



# Russian Quartz

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## RQ-2Ki High Purity Quartz

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

Kyshtym quartz has the highest chemical purity and good transparency, and for more than 50 years been successfully used as raw material for quartz tubes of various diameter, ingots and crucibles for photovoltaic and semi-conductor industries.

**RQ-2Ki** is particularly suited for use in the transparent layer of crucibles for photovoltaic and semi-conductor applications, and also for quartz tubes and ingots.

### Chemical content, ppm

	Al	B	Ca	Cr	Cu	Fe	K	Li	Mg	Mn	Na	Ni	Ti
Specification	5	0.1	0.3	0.01	0.01	0.2	0.3	0.4	0.2	0.01	0.5	0.1	3
Typical value	3.9	0.07	0.10	0.01	0.01	0.09	0.09	0.29	0.09	<0.01	0.29	0.01	2.8

### Particle size distribution

Mesh size	Micron ( $\mu\text{m}$ )	Limit (wt %)
>100	> 150	$\leq 2$
200 - 100	75-150	$\geq 78$
<200	< 75	$\leq 20$



Quality Management System in accordance with ISO 9001:2015. Certificate No: 44 100 137464.