

ZIBO JINGGAN REFRACTORY IMPORT AND EXPORT CO.,LTD

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Quartz Ceramic Crucible



1, Chemical composition of product

Grade	Solar grade	Electronics grade	Synthetic
Al	18	7.5	20
Fe	0.2	0.2	27
Ca	0.6	0.5	23
Na	1.1	0.3	8
K	0.9	0.1	1
Li	0.7	0.2	1
Ti	1.1	1.4	25
Cr	0.05	0.05	2
Ni	0.05	0.05	1
Mg	0.05	0.05	9
B	0.08	0.04	10
P	0.05	0.02	10
OH	50	50	50

2, Specification of Quartz ceramic crucible

Type	Out diameter	Height	Wall thicknesss1	Wall thicknesss2	Wall thicknesss3	Radius1	Radius2
		mm	mm	mm	mm	mm	mm
10''	254±2	178±3	7.0±2	7.0±2	7.0±2	305	70

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12''	305±2	228±3	8.0±2	8.0±2	8.0±2	305	80
14''	355±2	254±3	9.0±2	9.0±2	9.0±2	400	90
16''	404±2	305±3	9.5±2	9.5±2	9.5±2	400	90
18''	457±2	355±3	9.5±2	9.5±2	10.0±2	500	120
20''	508±2	381±3	10.0±3	10.0±2	11.0±2	510	120
22''	558±5	381±3	10.0±3	10.0±3	11.0±2	558	130
24''	610±5	381±3	11.0±3	11.0±3	12.0±2	610	130

3, Brief introduction: the full name of the product is high-purity fused quartz ceramic crucible, with SiO₂ content $\geq 99.9\%$. The product is a ceramic crucible made of high-purity fused quartz, Its shape is mainly square and cylindrical. The square product is used for the ingot of polysilicon, and the circular product is used for the drawing of monocrystalline silicon. The product is used at 1450 °C, with high dimensional accuracy, no deformation at high temperature, good thermal shock resistance and chemical erosion resistance.

4, Application: glass deep processing, metallurgical industry, electronic industry, chemical industry, aerospace industry

5,Others: the product is translucent white, beautiful and beautiful. It is mainly made by arc method, and the inner layer is coated with a 0.6-2mm barium hydroxide coating to ensure and extend the use effect of the product

6, Packing: carton, shatter proof and moisture-proof

7,Good feedback of product use effect,the products have been exported to South Korea, Russia,Pakistan

8,We are a professional supplier, who can provide customers with free product technology, use and other issues

Do you want to find a professional supplier of refractory products?

Do you want to find a professional supplier of graphite electrodes?

Do you want to find a stable and credible supplier?

Then let's contact with jinggan company

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