

LIANYUNGANG CHEMSIZE INTERNATIONAL TRADING CO.,LTD

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Fused silica

Fused silica is made of high purity crystal silica by electrically fusing (fusing temperature 1800-2000°C) to amorphous Silicon dioxide, then it is classed to different grades by manual and then specially engineered to grains or powder.

Applications

- ✓ Refractory raw material
- ✓ Ceramic Raw material
- ✓ Filler of epoxy molding compound,paint,coating.
- ✓ Investment casting(lost-wax casting),making slurry and shell

Typical Physical Properties

Color and particle shape	White/ angular
Hardness	7Mohs
True Specific Gravity	2.2g/cm ³
Softening poing	approx.1650°C
Melting point	approx.1750°C
Bulk Density	0.9-1.1mt/m ³
Dielectric Constant	3.8(1MHz)
Thermal Conductivity	1.3w/m • k
Coefficient of thermal expansion	0.5*10 ⁻⁶

Chemical Composition:

	Grade A	Grade B	Grade C
SiO ₂	>99.9%	>99.85%	>99.7%
AL ₂ O ₃	<0.01%	<0.02%	<0.05%
(The finer the powder,the higher AL ₂ O ₃ .)			
Fe ₂ O ₃	<0.003%	<0.005%	<0.01%

Size:

1.3-10mm,10-50mm,0-0.5mm,0.2-0.5mm,0.5-1mm,0-1mm,1-3mm,3-5mm,
2.-4+10mesh,-10+20mesh,-20+50mesh,-30+50mesh,-6+50mesh,-50+100mesh,
-100mesh,-120F,-200F, -325F, -400F, -600F.

Package:

1. in Paper bag or plastic woven bag of 25kg net each,then packed on pallet;
2. in big bag of 1-1.2MT net each,
3. other packages are available.