

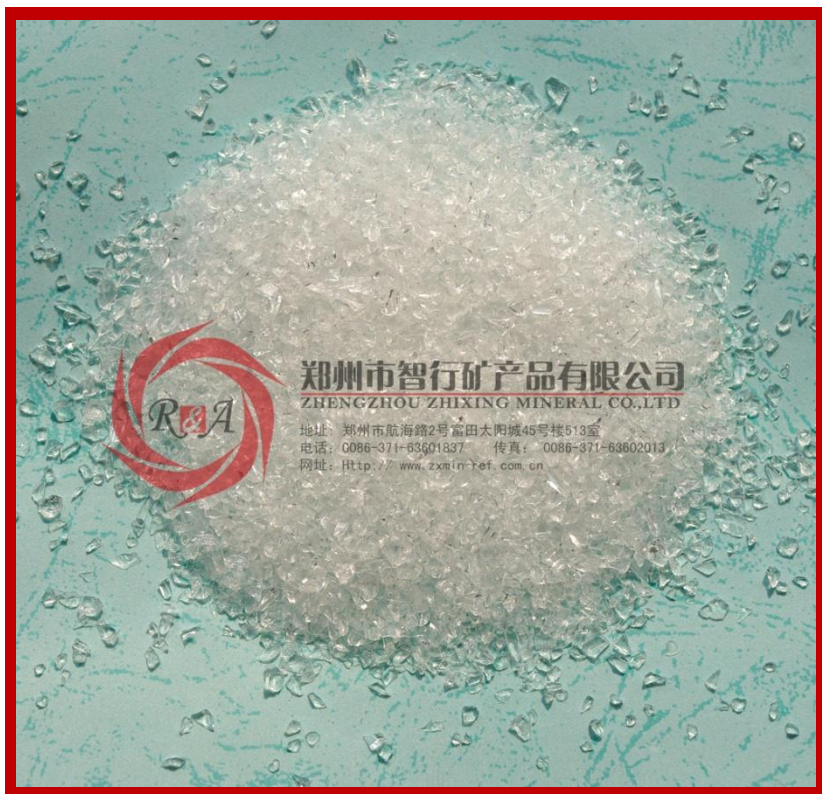


**郑州市智行矿产品有限公司**

ZHENGZHOU ZHIXING MINERAL CO.,LTD

Tel: 0086-371-63601837/86026101 Fax:0086-371-63602013 Website: <http://www.zxmin-ref.com.cn>  
Address : 45-513, Futian Suntown, No.2 of Hanghai Road, Zhengzhou, China

## FUSED SILICA



### PROCESS OF PRODUCTION AND CHARACTERISTIC

Fused Silica is made from high purity silica, using unique fusion technology to ensure the highest quality. Our Fused Silica is over 99% amorphous and has an extremely low coefficient of thermal expansion and high resistance to thermal shock. Fused Silica is inert, has excellent chemical stability, and has extremely low electrical conductivity.

### APPLICATIONS

Fused Silica is an excellent raw material for use in investment casting, refractories, foundries, technical ceramics, and other applications that require a consistent, high purity product with very low thermal expansion.



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## SPEC

Chemistry composition	First Grade	Typical	Second Grade	Typical
SiO <sub>2</sub>	99.9%min	99.92	99.8%min	99.84
Fe <sub>2</sub> O <sub>3</sub>	50 PPM max	19	80 PPM max	50
Al <sub>2</sub> O <sub>3</sub>	100PPM max	90	150PPM max	120
K <sub>2</sub> O	30PPMmax	23	30PPMmax	25