

Lianyungang Yuanda Quartz Product Co., Ltd

ADD: Baitabu Town, Donghai Country, Lianyungang, Jiangsu, China 222300
Tel: 86-18912155366 E-mail: helen@broadquartz.com <http://yuandaquartz.en.alibaba.com/>

Quartz Glass Specification

Typical Physical Properties

Density(20°C)	2.2 x 10 ³ kg/m ³
OH	≤10ppm
Purity	99.99%
Compressive strength	1100MPa
Strength of extension	48MPa
Poisson's ratio	0.14-0.17
Young's modulus	72000MPa
Modulus of rigidity	31000MPa
Moh's hardness	5.8-7.0
Coefficient of expansion	0.55x10 ⁻⁷ /cm °C
Specific heat(20-350°C)	670J/kg.°C
Heat conductivity(20°C)	1.4W/m.°C
Refractive index	1.4585
Softening point	1780°C
Annealing point	1250°C
Short time use temperature	1300°C
Long time use temperature	1100°C

Features:

1. Applied in high purity, high temperature, high pressures, plasma, vacuum, strong acid-base, strong corrosive, production processes.
2. Can be used for long time at 1100 °C
3. The domain in industry includes Drying and Solidification, Lab instruments, Semiconductor, Optical, Solar, CCFL, Electric heating.
4. Can product according customer requirement.