

Quartz Ceramic Material Properties - SU0135

Properties	Unit	Value
SiO ₂ Content	wt%	≥ 99.5 - 99.8
Bulk Density	g/cm ³	≥ 1.85 - 2.0
Apparent Porosity	%	≤ 5 - 15
Compressive Strength (Room Temperature)	MPa	≥ 50 - 120
Flexural Strength (Room Temperature)	MPa	≥ 25
Flexural Strength (High Temperature)	MPa	≥ 28
Coefficient of Thermal Expansion	×10 ⁻⁶ K ⁻¹	< 0.6
Thermal Conductivity	W/m*K	0.66
Maximum Service Temperature	°C	≥ 1650

Remark: The value is just for review. Different working conditions may cause some difference..

Xiamen Innovacera Advanced Materials Co.,Ltd

 Block A, 6/F, No.588 Jiahe Road, Torch High-tech Industrial District, Xiamen, China 361006.

 0086 592 558 9730

 0086 592 558 9733

 sales@innovacera.com

 www.innovacera.com