

## Sintered Silicon Carbide Material Properties - SU0732

Properties	Unit	Value
Density	g/cm <sup>3</sup>	3.10~3.15
Hardness	HV <sub>0.5</sub>	≥2600
Flexural Strength	MPa	≥400
Compressive Strength	MPa	≥2200
Elastic Modulus	GPa	400
Apparent Porosity	%	< 0.2
Thermal Conductivity	W/m·K	90~100
Maximum Temperature	°C	1600
Purity (SiC percentage)	%	≥99
Coefficient of Heat Expansion	10 <sup>-6</sup> /°C	4.0

*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