

Reaction Bonded Silicon Carbide Material Properties-SU0621

Properties	Unit	Value
Volume Density	g/cm ³	≥3.03
Hardness	HRA	91-93
Indicated Porosity	%	<0.2
Compressive Strength	MPa	≥2000
Bending Strength	MPa	≥350
Free-Si Value	%	<12
Elastic Modulus	GPa	350
Coefficient of Heat Expansion	1x10 ⁻⁶ m/k	4.0
Thermal Conductivity (20°C)	W/(m·k)	90-110
Maximum Temperature	°C	1300

Remark: The value is just for review, different using conditions will have a little difference.

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