



Technical Parameter of Silicon Nitride Ceramic products

Below is the indicators for Gas Pressure Sintered Si₃N₄ Ceramic

Item	Unit	Data
Bulk density	g/cm ³	3.2-3.26
Hardness	HRA	90-92
Flexural strength	Mpa	750-800(room temperature)
	Mpa	500-600(1200°C)
Fracture Toughness	MPa√m	6-7
coefficient of thermal expansion	10 ⁻⁶ /°C	3.0-3.2

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