

Silicon nitride grinding ball properties:

Item	Units	Value
Si ₃ N ₄	%	90±0.5%
Y ₂ O ₃	%	4±1%
Al ₂ O ₃	%	4±1%
Fe ₂ O ₃	%	<0.03%
SiO ₂	%	<0.02%
CaO	%	<0.01%
Hardness (HV10)	GPa	>1300
Density g/cm ³	GPa	>3.2
Compressive strength	MPa	>500

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

Xiamen Innovacera Advanced Materials Co., Ltd