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Silicon Carbide Powder for Pressureless Sintered Ceramic



Pressureless Sintered Silicon Carbide, also known as SSiC, which is first formed from SiC micro powder together with sintering additives and then sintered at 2,000 to 2,200° C in an inert gas atmosphere. Because of its high working temperature, high thermal shock resistance and thermal conductivity, SSiC ceramic is an ideal material for slip ring seals and bearing bushes in the chemical pumps or burner nozzles and kiln furniture for very high temperatures, armor and ballistic protection and etc.

SUNTEK 13 is submicro powder and special designed for production of sintered SiC ceramic, which is characterized as high purity, good stability, excellent flow ability and narrow particle size distribution.

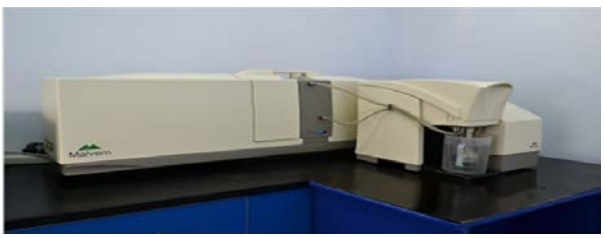
SiC Powder for Pressureless Sintered Ceramic

Products	SiC (%)	Fe2O3 (%)	F.C. (%)	D50 (um)	SSA (m2/g)
SUNTEK 13	99 min	0.05 max	0.10 max	0.55 +/- 0.05	13 +/-0.5

The Size and SSA can be customized as per specific requirement.









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