SUNTEK
Advanced Materials

Room 1601,1608, Tower A, Zensun Int'l Plaza, Zhengzhou 450009, China
Tel: +86 371 65331060
sales@suntekmaterial.com
www.suntekmaterial.com

Silicon Nitride Powder SN-CGC (Ceramic grade)

The silicon nitride powder is a non-oxide ceramic powder with excellent thermal/mechanical characteristics and electrical properties. The material also possesses good electric conductivity and outstanding wear resistance.

SUNTEK SN-CGC silicon nitride powder is synthesized through special nitridation process of silicon powder, which is characterized as high purity, narrow particle size distribution and high sintering activity. The structure of ceramic produced by our silicon nitride powder has been widely applied in automotive, aerospace, semiconductor industry, paper industry, mechanical industry, metallurgical industry, petrochemical, new energy industries and so on.



Silicon Nitride Powder SN-CGC (Ceramic grade)		
Chemical Composition	α-Si3N4 (%)	92 min
	N (%)	38 min
	C (%)	0.2 max
	O (%)	1.5 max
	Fe (%)	0.2 max
	Al (%)	0.1 max
	Ca (%)	0.1 max
	Free Si (%)	0.3 max
Physical Property	BET	11-13 m2/g
	Green Density	1.4-1.6 g/cm3
	Size (D50)	1.2-1.4 um
	Size can be customized as per specific requirement.	

The information contained in this product Information document is the sole property of Henan Suntek International Co.,Ltd, (Suntek Material) and cannot be distributed outside Suntek Material or its Customers, entirely or by parts, without the prior consent of Suntek Material. The typical characteristics do not constitute a precise Customer Specifications, which has to be elaborated separately between the Customer and Suntek Material in the frame of a commercial offer. Only with this precise Customer Specification can Suntek Material be bound to any commitment or liability the quality of its products.