

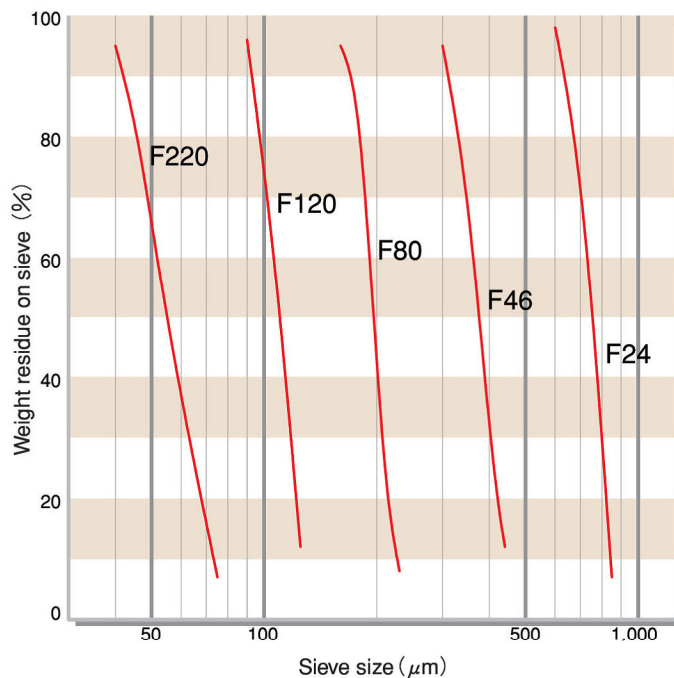
Abrasive Material SiC

Chemical Composition, Physical Properties, Applications, and Grain Sizes

Product name		Black silicon carbide NC / NP	Green silicon carbide NG
Item			
Chemical Composition (%)	SiC	98.7	99.5
	F.C	0.18	0.08
	T.Fe	0.15	0.03
Characteristics	Bulk Density (g/cm ³)	(F60) 1.50	(F60) 1.52
	Toughness value (JIS)	57	54
	Knoop Hardness (HK)	2,550	2,650
Applications		<ul style="list-style-type: none"> ● Grinding wheels (NC) ● Coated abrasives (NP) ● General abrasives ● High quality refractories ● Raw material for fine powder 	<ul style="list-style-type: none"> ● Ultra hard grinding tools ● Roller abrasives ● Ultra high quality refractories ● Raw material for fine powder ● Heating elements
Grain sizes available		<NC> F8 ~ F220, Pw-0 (220F) <NP> P12 ~ P220	F20~F220, PG-0 (220F)

Please ask us about details. We will respond to also particular grain size and characteristic.

Grain Distribution



Characteristics

The company is manufacturing a range of silicon carbides for use as abrasives. Black silicon carbide NC have a high quality, well suited for use in general abrasive materials. Black silicon carbide NP are designed for use on coated abrasives. Green silicon carbide NG have the highest purity and abrasive qualities, making them the best suited to special abrasive applications and heating elements.



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