

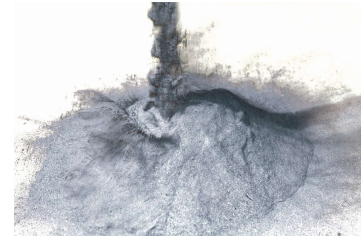
SILICON CARBIDE POWDERS FOR GENERAL PURPOSES

1 DESCRIPTION

Black, medium-density, semi-friable, versatile abrasive powder. Characterized by Mohs hardness of 9.2, thermal resistance, resistance to oxidation, and blocky grain shape.

5 SPECIFICATIONS / NORMS

ANSI B74.10.2010
FEPA 42-2:2006



2 APPLICATIONS

Manufacturing of bonded products; slicing and polishing of semiconductor materials; cutting and finishing cast iron, ceramics, quartz, glass, optical

6 SIZES

FEPA	ANSI
F-240	G-240
F-280	G-280
F-320	G-320
F-360	G-360
F-400	G-400
F-500	G-500
F-600	G-600
F-800	G-800
F-1000	G-1000
F-1200	G-1200

3 TYPICAL CHEMISTRY

SiC	98.44%
SiO ₂	0.68%
Si	0.39%
Fe	0.09%
Al	0.10%
C	0.30%

4 PHYSICAL PROPERTIES

Crystalline Structure	Alpha in the hexagonal and rhombohedral class
Knoop Hardness	2,480
Mohs Hardness	9.2
Density	3.20 gr/cm ³
Particle Shape	Blocky Shape

7 PACKAGING

20 and 25 kg, paper bags and 1 metric ton supersacks and 250 kgs minibags on wood pallets with stretchable wrap.

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