



ELECTROCARB[®] BLACK SILICON CARBIDE

#1 GRADE SILICON CARBIDE FOR COATED ABRASIVE APPLICATIONS

Electro Abrasives, LLC. manufactures Black Silicon Carbide grains & powders in sizes to meet all of our customers' needs. It is manufactured by a team of professionals dedicated to provide our customers the best in quality, service, and support.

APPLICATIONS:

ELECTROCARB[®] Black Silicon Carbide is graded to FEPA standards and is ideal for high quality coated abrasives.

TYPICAL CHEMICAL ANALYSIS

SiC	97.7%
SiO ₂	0.7%
Si	0.8%
Fe	0.2%
Al	0.3%
C	0.3%

TYPICAL PHYSICAL PROPERTIES

Hardness:	Knoop: 2550; Mohs: 9.1
Melting Point:	Sublimes at 4712°F (2600°C)
Particle Shape:	Angular, with sharp edges ("P")
Color:	Black
Grading:	Macro: FEPA 43-1:2006 Micro: FEPA 43-2:2006

MACRO GRITS

Grit Size	LPD (g/cm ³)
P12	1.41 - 1.56
P16	1.40 - 1.55
P20	1.40 - 1.55
P24	1.40 - 1.55
P30	1.39 - 1.54
P36	1.39 - 1.54
P40	1.38 - 1.53
P50	1.37 - 1.52
P60	1.36 - 1.51
P80	1.35 - 1.50
P100	1.33 - 1.48
P120	1.31 - 1.46
P150	1.30 - 1.45
P180	1.29 - 1.44
P220	1.29 - 1.44

MICRO GRITS

Grit Size	LPD (g/cm ³)
P240	1.29 - 1.44
P280	1.28 - 1.43
P320	1.25 - 1.40
P360	1.22 - 1.38
P400	1.22 - 1.38
P500	1.21 - 1.36
P600	1.17 - 1.33
P800	1.13 - 1.28
P1000	1.10 - 1.25
P1200	1.01 - 1.16
P1500	0.87 - 1.03
P2000	0.77 - 0.93
P2500	0.77 - 0.93



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GRUPO CURIMBABA

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