MICRO DE MEXICO
EXCELLENCE IN QUALITY AND SERVICE

TECHNICAL DATA SHEET

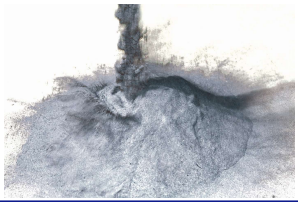
SILICON CARBIDE POWDERS
FOR COATED ABRASIVES

1 DESCRIPTION

Black, low-density, semi-friable abrasive powder. Characterized by Mohs hardness of 9.2, thermal resistence, and resistence to oxidation.

2 APPLICATIONS

The particle shape and density are specifically engineered for coated abrasive applications, and this grain can be applied to paper, cloth, or polyester films with rubber or adhesive resins.



3 TYPICAL CHEMISTRY

SiC	97.60%
SiO_2	0.60%
Si	0.80%
Fe_2O_3	0.20%
Al_2O_3	0.30%
C	0.50%

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	Angular with Sharp Edges

5 SPECIFICATIONS / NORMS

ANSI B74.18 2006
FEPA 43-2: 2006
Micro Spec's
Density: FEPA 44-2: 2006
ANSI B74.4.1992 Rev 2007

6 SIZES & BULK DENSITIES

FEPA	DENSITIES		ANSI	DENSITIES	
	Min	Max		Min	Max
P-240	1.41	1.55	G-240	1.34	1.50
P-280	1.38	1.52	G-280	1.33	1.49
P-320	1.33	1.49	G-320	1.30	1.46
P-360	1.32	1.50	G-360	1.25	1.41
P-400	1.22	1.43	G-400	1.10	1.33
P-500	1.21	1.39	G-500	1.01	1.19
P-600	1.18	1.39	G-600	0.97	1.15
P-800	1.14	1.28			
P-1000	1.03	1.29			
P-1200	0.96	1.17			
P-1500	0.91	1.09			
P-2000	0.84	0.99			
P-2500	0.74	0.89	Micro Spec's		
			G-260/300		
			G-500/F		
			G-1000/F		

7 PACKAGING

20 and 25 kg paper bags and 800 kg and 1,000 kg Super Sacks on wood pallets with strechable plastic.

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