

Silicon Carbide



Black Silicon Carbide Silicon Carbide is a hard and sharp abrasive. It is extremely fast-cutting, generating a rough surface finish. The raw materials are silica petroleum coke. This product is obtained in the form of the partly finish rock, it is then grounded, chemically treated or untreated according, to type sand graded in accordance with the European F.E.P.A. standards. It is very stable, has high resistance to oxidation and is also unaffected by acids and will only react to alkali at very high temperatures.

APPLICATION Silicon Carbide is use for cleaning extremely hard surfaces such as tungsten carbide or in cases whereby a deep cutting action is required to remove a thick layer of material such as stone cutting or carving

Typical	
Density	3.2 g / cm ³
Hardness	9 - 10 MOH

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Typical Chemical Analysis	
Crystalline SiC	98.10
Free Si	0.25
Free C	0.13
SiO ₂	0.50
Fe ₂ O ₃	0.12
Other Oxides	0.3

Specifications	
Grade	Micro Size
Mesh 16	1180
Mesh 20	850
Mesh 24	740
Mesh 30	600
Mesh 36	480
Mesh 40	425
Mesh 46	326
Mesh 60	250
Mesh 80	180
Mesh 90	166
Mesh 100	150
Mesh 120	125
Mesh 150	100
Mesh 180	83
Mesh 220	68

Other sizes are also available

Standard Packing: 25kg /
poly-woven bag. Paper bag is
available. Wooden pallet
packing or jumbo bag
packing is available.