

Product : **Silicon Carbide**

Trade name : **CARSIMET "F" MACRO**

## TYPICAL CHEMICAL ANALYSIS

SiC	98%
Si	0,20%
SiO <sub>2</sub>	0,30%
C	0,20%
Fe <sub>2</sub> O <sub>3</sub>	0,1%

## PRODUCT

A black, silicon carbide abrasive, semi friable.

## APPLICATIONS

Used in all abrasive applications, ceramics, blasting, glass polishing. It is also used in the manufacture of precision grinding wheels.

## TYPICAL PHYSICAL DATA

- Specific Gravity : 3,20 g/cm<sup>3</sup>
- Crystal Structure : Alpha Silicon Carbide
- Shape : Blocky, with sharp edges
- Knoop 100 Hardness Number : Between 2300 and 3000

## SIZES FEPA(MM)

- F12 : 2.800-1.180
- F14 : 2.360-1.000
- F16 : 2.000-0.850
- F20 : 1.700-0.710
- F22 : 1.400-0.600
- F24 : 1.180-0.500
- F30 : 1.000-0.425
- F36 : 0.850-0.355
- F40 : 0.710-0.300
- F46 : 0.600-0.250
- F54 : 0.500-0.212
- F60 : 0.425-0.180
- F70 : 0.355-0.150
- F80 : 0.300-0.125
- F90 : 0.250-0.106
- F100 : 0.212-0.075
- F120 : 0.180-0.063
- F150 : 0.150-0.045
- F180 : 0.125-0.053
- F220 : 0.106-0.045

All figures are given for information only. These have to be reconfirmed with our offer.