

Product : **Boron Carbide**
References : **BC 05/13**

Trade name : **CARBOMET**

CHEMICAL/PHYSICAL ANALYSIS	%	
Total Boron	76,5 % min	78 % typical
C	19 – 22 % (free C max 0,8 %)	
Fe	0,01 % (Fe ₂ O ₃ max 0,5 %)	
Total Boron + Carbon	95,5 % min.	
pH	7,5 - 8	

TYPICAL DATA	
Hardness Knoop	2900
Specific Gravity	2,55 gr/cc
Thermal expansion	5 x 10 (4)
Modulus of Elasticity	64 x 10 (6)
Modulus of Rupture	43.000 psi
Compressure Strength	190.000 psi

SIZES

- 325 mesh :
D90 45 – 50 microns
D50 10 – 20 microns
- Fepa :
F220 => F800

LABORATORY

5/11/13

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