

*
-
-
(/ / / / /)
- () ()
PH
°C/min / °C
°C
B₂O₃ XRD °C
°C
C B₂O₃ °C
°C B₂O₃ °C °C
°C C °C
SEM XRD
- - - :

(Cubic BN)

. [-]

. []

B₄C B₁₂C₃ B₁₃C₂
[] B₁₂C₃

. [-]

(E.Merk, D – 64271

B

Darmstadt)

B₂O₃

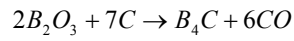
Mg

[]

:

B₄C

(/ / μm)



()

/ M

C

[]

pH .

C

%

[]

()

B₂O₃ C

B₄C

/

C

MPa

(- °C)

mm

mm

[]

mm

Pa

°C/min

/

C

x

PHILIPS Xpert

C₆H₈O₇.H₂O Merck KG_aA, 64271 Darmstadt

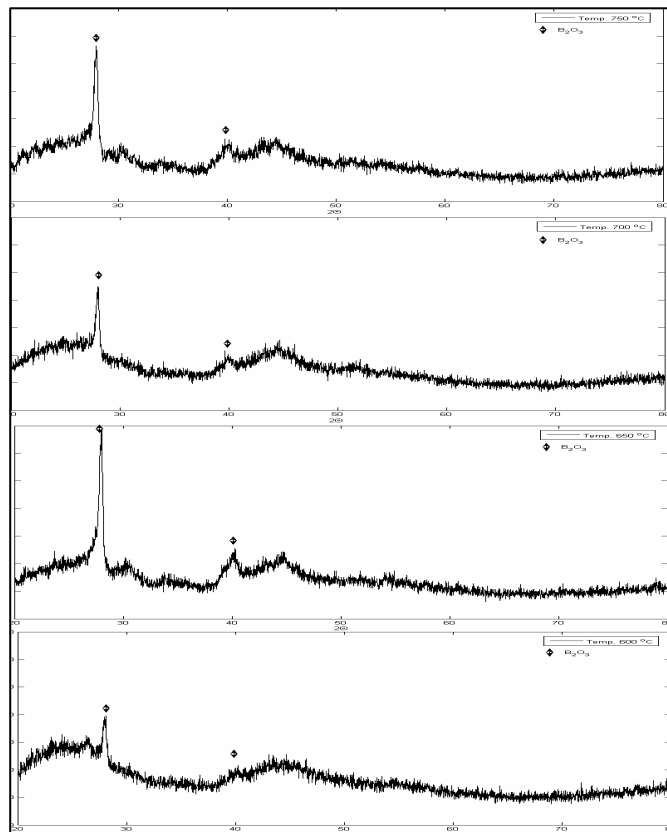
CILAS

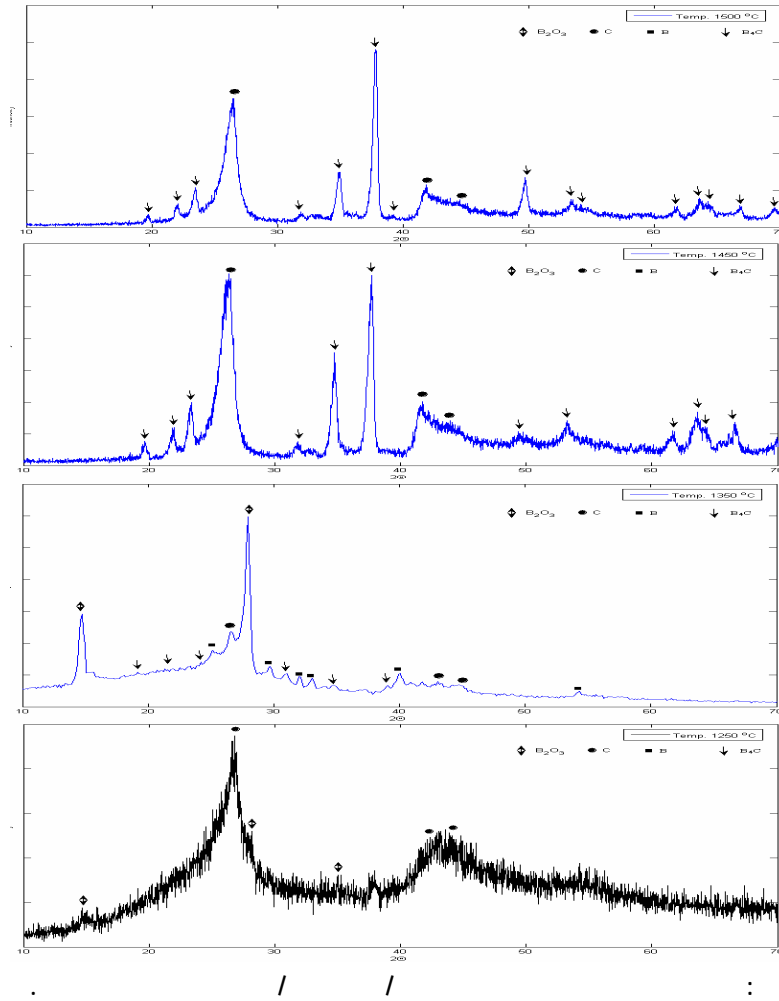
Germany

1064 LIQUID

MV2300 CAM SCAN

XRD
 $^{\circ}C$
 B_2O_3
 $^{\circ}C$
 (B_2O_3)
 $^{\circ}C$
XRD
C B_2O_3
 $^{\circ}C$

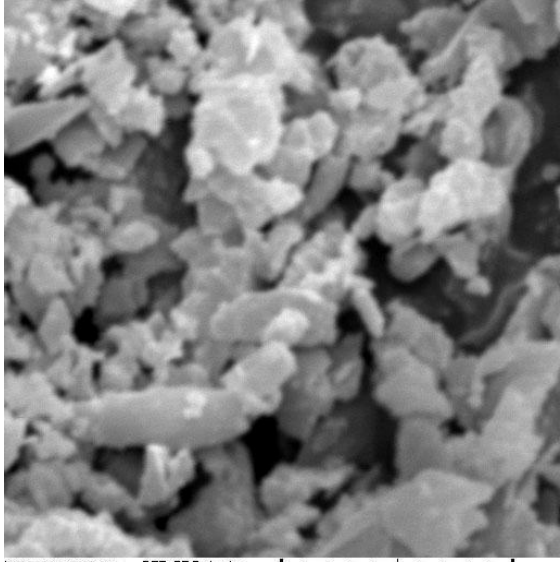




XRD

B_2O_3 C
 $^{\circ}C$ $^{\circ}C$ [] $^{\circ}C$
 $^{\circ}C$
 C B_2O_3 $^{\circ}C$
 $^{\circ}C$ /
 B_2O_3 $^{\circ}C$ $^{\circ}C$ $^{\circ}C/min$
 /
 () / $^{\circ}C$
 ()

	°C	D ₉₀	D ₅₀
	°C	/	/
°C		/	/



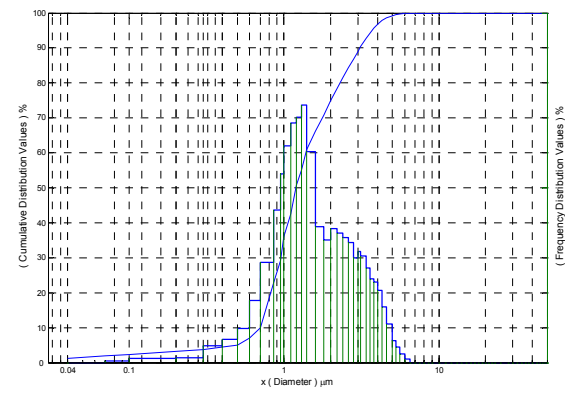
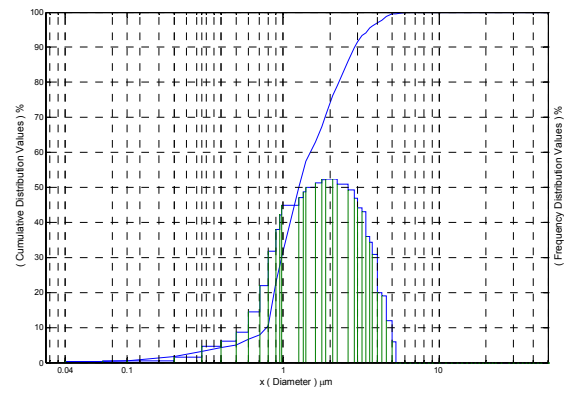
SEM MAG: 2.00 kx DET: SE Detector 10 um Vega ©Tescan
 HV: 25.0 kV DATE: 06/21/05 Obducat CamScan
 VAC: HiVac Device: MV2300

/ SEM : °C

/

/ / °C

() °C / /



/ °C

/ °C

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