TETRABOR® BORON CARBIDE GRAINS AND POWDERS

Grains and powders

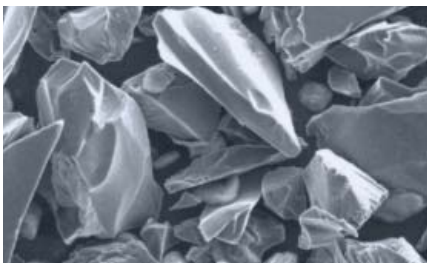
for various applications in

- Metal-matrix composites
- Sintering technology
- Packed grid applications

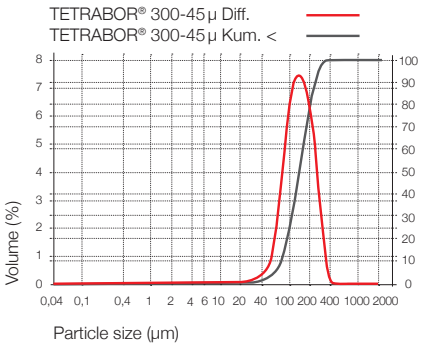
TETRABOR® boron carbide is available as controlled particle size powders and closely sized, graded grits in the range 1 micron to 20 - 30 mm. Very coarse material is available in different particle sizes and purity levels. All grits conform to the specification of FEPA (Federation of European Producers of Abrasive Products). For particle size and chemical analysis values see tables.

Further grits, special grades and high-purity B_4C grits on request.

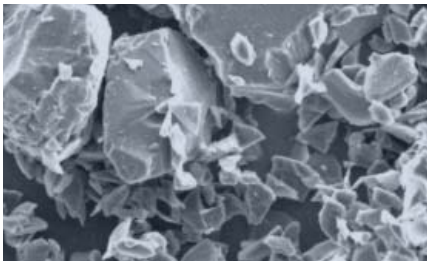
TETRABOR® 300-45 µ



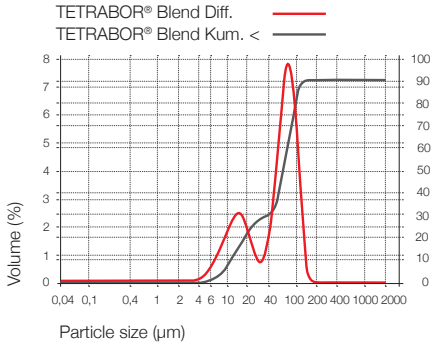
50.0 µm



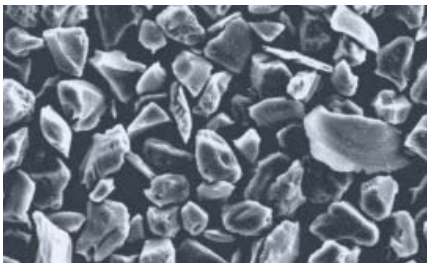
TETRABOR® Blend



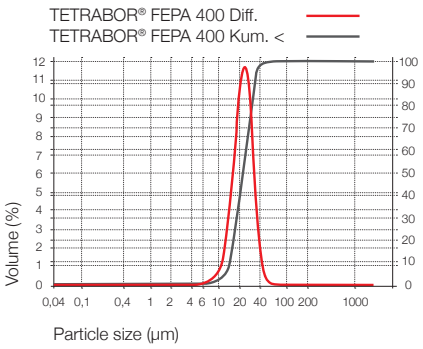
50.0 µm



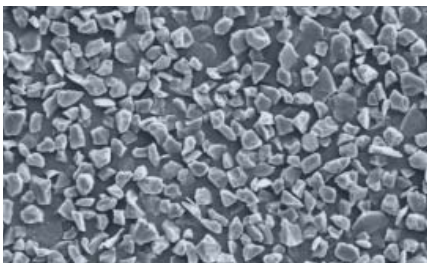
TETRABOR® FEPA 400



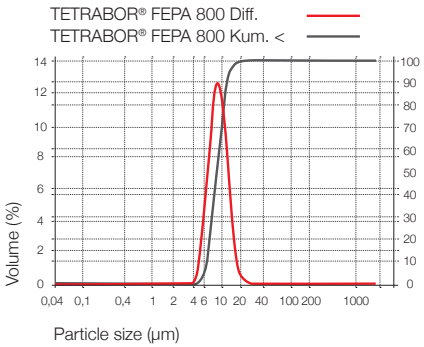
20.0 µm



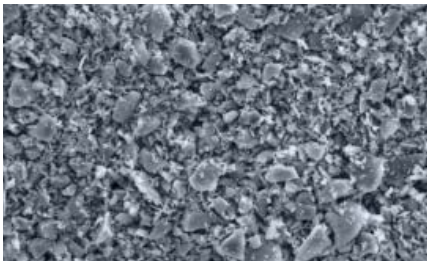
TETRABOR® FEPA 800



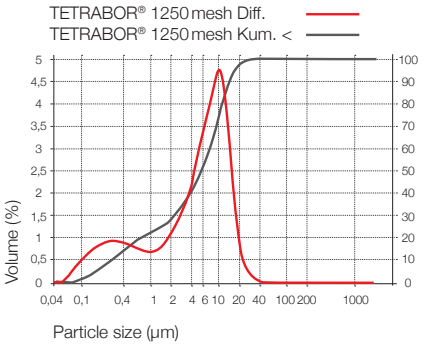
20.0 µm



TETRABOR® 1250 mesh



20.0 µm



ESK Standard FEPA program

Grain-No	Particle size indication	
FEPA 10	2360 - 1700 µm	macro grains
FEPA 20	1180 - 850 µm	
FEPA 40	500 - 355 µm	
FEPA 60	300 - 212 µm	
FEPA 80	212 - 160 µm	
FEPA 100	150 - 106 µm	
FEPA 150	106 - 63 µm	
FEPA 180	90 - 53 µm	
FEPA 220	75 - 45 µm	

Grain-No	Particle size indication	
FEPA 240	70 - 28 µm	micro grains
FEPA 280	59 - 22 µm	
FEPA 320	49 - 16,5 µm	
FEPA 360	40 - 12 µm	
FEPA 400	32 - 8 µm	
FEPA F500	25 - 5 µm	
FEPA 600	19 - 3 µm	
FEPA 800	14 - 2 µm	
FEPA 1000	10 - 1 µm	
FEPA 1200	7 - 1 µm	
1500 F	ca 5 µm and finer	
3000 F	ca. 0,8 µm	

TETRABOR® / e - 0906

The management system has been certified according to DIN EN ISO 9001, DIN EN ISO 14001. TETRABOR® is a registered trademark of ESK Ceramics GmbH Co. KG

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a ceradyne company