



Boron Nitride

Application

Market segment:	Mineralogy / Metallurgy
Material:	Boron Nitride / Titanium Boride
Feed size:	0-400 μm
Feed quantity:	100 g
Material specification(s):	Hard, abrasive
Customer requirement(s):	Appx. 100 g < 40 μm

Subsequent analysis:

Solution

Selected instrument(s):	LM1000 Pulveriser Ring Mill
Configuration(s):	Grinding set of tungsten carbide (WC) 100 ml
Working settings:	1200 rpm
Time:	approx. 1 – 2 min.
Achieved result(s):	98 % < 63 μm 80 % < 40 μm
Remark(s):	By grinding up to more than 2 min. the end fineness will not essentially increase.
Recommendation(s):	For fine grinding of hard and brittle material the LM1000 Pulveriser Ring Mill is suitable under the above mentioned conditions.



Titanium Boride

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