Task:

Application field: Glass / Ceramics

Material: Quartz Granules

Feed size: 10 – 30 mm

Feed quantity: 250 g

Material specification(s): Hard brittle

Customer requirement(s): 90 – 95 % < 500 µm in BB 51 / WC

Subsequent analysis: Particle Size Analysis

Solution:

Selected instrument(s): Jaw Crusher BB 51 As the BB 51 was discontinued we recommend to use the BB 50 now

Configuration(s): Breaking jaws and wearing plates of tungsten carbide

Parameter(s): Gap width 3 / 0.2 / 0.1 mm

Time: 3: 30 min (for the complete preparation)

Achieved result(s): 90% < 500 µm

Remark(s): The sample material is being ground in three consecutive steps with decreasing gap width.

Recommendation: The Jaw Crusher BB 51 is suitable to grind the sample material under the above mentioned.
Pictures of the sample

**Fig. 1:** Original sample

**Fig. 2:** Sample after grinding in BB 50, gap 0.1 mm

The application report is based solely on the processing of the available sample material in the indicated amount. No legal claims shall be derived from this test report. Subject to technical modification and errors.

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