Task:

Application field: Construction Materials

Material: Gypsum, Anhydrite

Feed size: 0-12 mm

Feed quantity: 1000 g

Material specification(s): medium-hard, dry

Customer requirement(s): < 1 mm

Subsequent analysis: not defined

Solution:

Selected instrument(s): Rotor Beater Mill SR 200

As the SR 200 was discontinued we recommend to use the SR 300 now

Configuration(s): Jaw Crusher BB 200 for 3/N~ 400 V, 50 Hz, breaking jaws of precision-casting manganese steel;
Rotor Beater Mill SR 200:
Sieve of stainles steel for retaining frame with grinding assembly 180° round holes 4 mm

Parameter(s): Revolution speed approx. 3000 rpm

Time: 3 min.

Achieved result(s): < 0.5 mm

Remark(s): The pre crushing was done in the Jaw Crusher BB 200, jaws of manganese steel.

Recommendation: For sample preparation of medium hard materials the Rotor Beater Mill SR 200 is suitable under the above mentioned conditions.

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