Task:

Application field: Glass / Ceramics

Material: Chamotte, quick lime

Feed size: 0-3 mm

Feed quantity: 1900 g

Material specification(s): medium-hard, brittle

Customer requirement(s): 1 - 2 mm
50 kg / h

Subsequent analysis: not defined

Solution:

Selected instrument(s): Cross Beater Mill SK 100

Configuration(s): Cross Beater Mill SK 100 for 3/N~ 400 V, 50 Hz, stainless steel;
Ring-type filter with trapezoid hole body for collecting receptacle 5 litres;
Bottom sieve SK 100 round holes 3 mm, stainless steel

Parameter(s): Revolution speed 2850 rpm

Time: 2 min. (per batch)

Achieved result(s): 100 % < 2.5 mm
83 % < 1 mm

Remark(s):

Recommendation: For sample preparation of different types of fireclay the Cross Beater Mill SK 100 is suitable under the above mentioned conditions.

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