

Report No.: 10490
Date: 03.06.2003
Contact: HP

Task:

Application field: Mineralogy / Metallurgy

Material: Coal, Carbon

Feed size: 0-30 mm

Feed quantity: 1500 g

Material specification(s): hard brittle

Customer requirement(s): < 200 µm,

Subsequent analysis: Determination of net calorific value, ash and sulfur

Solution:

Selected instrument(s): SR 200 Rotor Beater Mill

Configuration(s): Sieve of stainless steel 180° conidur holes 0,25 mm for retaining frame;
Ring-type filter with conidur hole body for collecting receptacle 5 l

Parameter(s): Revolution speed 2850 rpm

Time: 5 min.

Achieved result(s): 100 % < 200 µm

Remark(s):

Recommendation: For sample preparation of dry coal and carbon, the Rotor Beater Mill SR 200 is suitable under the above mentioned conditions.