Task:

Application field: Chemistry / Plastics

Material: Cream Soap

Feed size: 50 mm x 30 mm x 30 mm (manually quartered)

Feed quantity: 150 g (one piece)

Material specification(s): soft, smeary

Customer requirement(s): < 5 mm

Subsequent analysis: Water Content acc to DGF method G-III 2

Solution:

Selected instrument(s): Knife Mill Grindomix GM 300

Configuration(s): Cutting container of plastic incl. knife holder, autoclavable, 5 litres for GM 300; Standard knife GM 300 made of stainless steel, autoclavable; Standard lid of plastic GM 300, autoclavable

Parameter(s): Revolution speed 3000 rpm, direction cut

Time: 15 s

Achieved result(s): predominantly < 3 mm

Remark(s): An increased grinding time does not lead to a higher fineness.

Recommendation: The Knife Mill GM 300 is suitable to grind the sample material under the above mentioned conditions.
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.
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