Task:

Application field: Chemistry / Plastics

Material: Epoxy mould compound

Feed size: 0-40 mm

Feed quantity: 2000 g (per sample)

Material specification(s): hard brittle, dry

Customer requirement(s): 1 - 2 mm (application for recycling)

Subsequent analysis:

Solution:

Selected instrument(s): SM 2000 Heavy-Duty Cutting Mill

As the SM 2000 was discontinued we recommend to use the SM 300 now

Configuration(s): Standard hopper;
Bottom sieves of stainless steel, square holes 4 mm

Parameter(s): Speed: 750 rpm

Time: 13 min. (per sample)

Achieved result(s): predominantly 2 mm,

Remark(s): The SM100 is also useable for this application. (See sample)

Recommendation: The Cutting Mills SM 2000 and SM 100 are suited for grinding the material under the abovementioned conditions.
Pictures of the sample

Fig. 1: 

Fig. 2: 