Task:

Application field: Glass / Ceramics

Material: Sheet glass

Feed size: 20-30 mm

Feed quantity: 1900 g

Material specification(s): hard brittle

Customer requirement(s): < 100 µm, 10 kg/batch

Subsequent analysis: for dilution tests

Solution:

Selected instrument(s): Disc Mill DM 200

Configuration(s): Set of grinding discs made of hardened steel

Parameter(s): Gap size of the discs 0.1 mm

Time: 5 min.

Achieved result(s): 85 % < 100 µm

Remark(s):

Recommendation: For fine grinding of hard and brittle glass samples the disc Mill DM 200 is suitable under the above mentioned conditions.
Pictures of the sample

Fig. 1: Original sample