Task:

Application field: Glass / Ceramics

Material: pieces of glass

Feed size: 10-30 mm

Feed quantity: 300 g

Material specification(s): hard brittle, abrasive

Customer requirement(s): < 100 µm

Subsequent analysis: not defined

Solution:

Selected instrument(s): Planetary Ball Mill PM 100

Configuration(s): Grinding jar "comfort" zirconium oxide 500 ml; 26 grinding balls zirconium oxide ø 20 mm

Parameter(s): Revolution speed 450 rpm

Time: 10 min.

Achieved result(s): 99 % < 100 µm

Remark(s):

Recommendation: For fine grinding of hard and brittle glass materials the Planetary Ball Mill PM 100 is suitable under the above mentioned conditions.