**Task:**

**Application field:** Glass / Ceramics  
**Material:** Glass frits, blue  
**Feed size:** 5 - 8 mm  
**Feed quantity:** 100 g  
**Material specification(s):** hard brittle  
**Customer requirement(s):** approx. 40 µm; 100 g/batch; interest in RS 200  
**Subsequent analysis:** not defined

**Solution:**

**Selected instrument(s):** Vibratory Disc Mill RS 200  
**Configuration(s):** Grinding set tungsten carbide (WC) 100 ml  
**Parameter(s):** Revolution speed 1200 rpm  
**Time:** 6 min.  
**Achieved result(s):** 95 % < 40 µm  
**Remark(s):** Before grinding 6 - 8 drops of methanol have been added to avoid agglomeration and adhesion effects.  
**Recommendation:** For the fine grinding of hard brittle glass frits the Vibratory Disc Mill RS 200 is suitable according to 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. Subject to technical modification and errors. © Retsch GmbH - www.retsch.com - lab@retsch.com
Pictures of the sample

**Fig. 1:** Initial glass frits sample

**Fig. 2:** Ground glass frits in the RS 200, grinding set 100 ml WC, 6 min.