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.

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**Task:**

**Application field:** Chemistry / Plastics

**Material:** Lithium Tetraborate

**Feed size:** 0-20 mm

**Feed quantity:** 100 g

**Material specification(s):** hard brittle

**Customer requirement(s):** < 100 µm / 500 g without any metal contamination

**Subsequent analysis:** X-ray Fluorescence Analysis

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**Solution:**

**Selected instrument(s):** Disc Mill DM 200

**Configuration(s):** Set of grinding discs DM 200 made of zirconium oxide

**Parameter(s):** Gap size 0.1 mm

Revolution speed constant 600 rpm

**Time:** 3 min.

**Achieved result(s):** 70 % < 100 µm

**Remark(s):**

**Recommendation:** For fine grinding of hard and brittle materials in a bigger quantity the Disc Mill DM 200 is suitable under the above mentioned conditions.