**Task:**

- **Application field:** Building Materials
- **Material:** Clinker
- **Feed size:** 0-8 mm
- **Feed quantity:** 150 g
- **Material specification(s):** hard brittle
- **Customer requirement(s):** < 100 µm
- **Subsequent analysis:** X-ray Diffraction

**Solution:**

- **Selected instrument(s):** PM 100 CM Planetary Ball Mill
- **Configuration(s):** Grinding jar 250 ml, stainless steel; 5 grinding balls, stainless steel 30 mm Ø
- **Parameter(s):** Revolution speed 450 rpm
- **Time:** 15 min.
- **Achieved result(s):** 90 % < 100 µm
- **Remark(s):**

**Recommendation:** For fine grinding of hard and brittle materials the Planetary Ball Mill PM 100 CM is suitable under 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.
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