Task:

**Application field:** Chemistry / Plastics

**Material:** Calcium formate

**Feed size:** 0-1 mm

**Feed quantity:** 7500 g

**Material specification(s):** crystalline, medium-hard

**Customer requirement(s):**
- 30 - 50 % < 63 µm
- 92 - 98 % < 200 µm, throughput 25 kg/h

**Subsequent analysis:** not defined

Solution:

**Selected instrument(s):** SR 300 Rotor Beater Mill

**Configuration(s):** Sieve ring of stainless steel for retaining frame 360° with trapezoid holes of 0.5 mm; ring-type filter with trapezoid hole body for collecting receptacle 5 l;

**Parameter(s):** Revolution speed: approx. 9000 min⁻¹

**Time:** 10 min.

**Achieved result(s):**
- 42 % < 63 µm
- 99 % < 200 µm

**Remark(s):** During a grinding duration of 10 min. a throughput of 45 kg/h approx. can be achieved.

**Recommendation:** For the grinding of medium-hard, crystalline calcium formate our Rotor Beater Mill SR 300 is suitable under the above mentioned conditions.