### Task:

**Application field:** Chemistry / Plastics

**Material:** Powder coating, 2 samples with titanium oxide and different epoxy aggregates

**Feed size:** 5-20 mm (flakes)

**Feed quantity:** 1000 g

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

**Customer requirement(s):** < 100 µm for small production

**Subsequent analysis:** not defined

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### Solution:

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

**Configuration(s):** Ring sieve 360° trapezoid holes 0.5 mm, stainless steel

**Parameter(s):** Revolution speed approx. 9000 rpm

**Time:** 2 min. (per batch)

**Achieved result(s):** 98 % < 100 µm

**Remark(s):**

**Recommendation:** For fine grinding of different powder coatings for small productions, the Rotor Beater Mill SR 300 is suitable under the above mentioned conditions.