**Task:**

**Application field:** Chemistry / Plastics

**Material:** Plastic mold parts, PA and PP

**Feed size:** 20-80 mm (straps up to a length of 200 mm)

**Feed quantity:** 200 g (maximum quantity)

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

**Customer requirement(s):** < 2 mm

**Subsequent analysis:** Dilution Viscosity

**Solution:**

**Selected instrument(s):** SM 100 Cutting Mill

**Configuration(s):** Standard hopper;
Bottom sieves of stainless steel, square holes 4 mm;
Ring-type filter with Conidur hole body for collecting receptacle 5 l

**Parameter(s):** Revolution speed approx. 1500 rpm

**Time:** 3 min. (per batch)

**Achieved result(s):** 85 % < 2 mm

**Remark(s):** Plastic pieces must have a size of 60 x 80 mm to pass the mill opening.

**Recommendation:** For pre-cutting of different plastic mold parts the Cutting Mill SM 100 is suitable under the above mentioned conditions.

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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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