### Task:

**Application field:** Chemistry / Plastics  
**Material:** Different kind of plastic materials, polyamide (PA), polyethylene (PE), ABS  
**Feed size:** 20-80 mm  
**Material specification(s):** elastic  
**Customer requirement(s):** < 8 mm  
**Subsequent analysis:** not defined

### Solution:

**Selected instrument(s):** SM 2000 Heavy-Duty Cutting Mill  
**Configuration(s):** Bottom sieves of stainless steel, square holes 8 mm; Ring-type filter with conidur hole body for collecting receptacle 5 l  
**Parameter(s):** Revolution speed 750 rpm  
**Time:** 3 min. (per batch)  
**Achieved result(s):** < 8 mm as required  
**Remark(s):** For pre-cutting of different plastic materials the Heavy-Duty Cutting Mill SM 2000 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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