### Task:

**Application field:** Chemistry / Plastics  
**Material:** Textiles and rubber from cars  
**Feed size:** 0-3 mm  
**Feed quantity:** 2 g  
**Material specification(s):** elastic, temperature sensitive  
**Customer requirement(s):** Powder  
**Subsequent analysis:** MW Micro Wave Digestion

### Solution:

**Selected instrument(s):** CryoMill  
**Configuration(s):** Grinding jar stainless steel 50 ml for CryoMill; Grinding ball stainless steel 25 mm ø  
**Parameter(s):** Frequency 25 Hz  
**Time:** 5 min. (for grinding, 5 min pre-cooling)  
**Achieved result(s):** Predominantly < 0.5 mm  
**Remark(s):**  
**Recommendation:** The CryoMill is suitable to grind the sample material under the above mentioned conditions.
Pictures of the sample

Fig. 1: Original sample
Fig. 2: Sample after grinding in CryoMill