**Task:**

**Application field:** Chemistry / Plastics

**Material:** Carbon granulate with palladium

**Feed size:** 0-5 mm

**Feed quantity:** 20 g

**Material specification(s):** hard brittle

**Customer requirement(s):** 10 g < 40 µm
determination of Fe and Cu

**Subsequent analysis:** ICP Inductive Coupling Plasma

**Solution:**

**Selected instrument(s):** PM 100 CM Planetary Ball Mill

**Configuration(s):**
- Grinding jar, 125 ml tungsten carbide
- 6 grinding balls of tungsten carbide, 20 mm Ø

**Parameter(s):** 500 rpm

**Time:** 20 min.

**Achieved result(s):** < 40 µm

**Remark(s):**

**Recommendation:** For fine grinding of hard and brittle materials the Planetary Ball Mill PM 100 CM is suitable under the above mentioned conditions.