**Task:**

**Application field:** Chemistry / Plastics

**Material:** Powder coating, based on epoxy resin

**Feed size:** 0 - 20 mm (flakes)

**Feed quantity:** 500 g (per batch)

**Material specification(s):** electrostatic, temperature sensitive

**Customer requirement(s):** < 40 µm, 90 % < 63 µm

**Subsequent analysis:** Colour Measurement

**Solution:**

**Selected instrument(s):** ZM 200 Ultra Centrifugal Mill  
DR 100 Vibratory Feeder

**Configuration(s):** Push-fit rotor ZM 200, 12 teeth tungsten carbide coated;  
Distance sieve trapezoid holes 0,2 mm; tungsten carbide coated;  
Cyclone with passage receptacle and holder, with 3 l collector

**Parameter(s):** Revolution speed 18000 rpm

**Time:** 5 min.

**Achieved result(s):** 85 % < 40 µm

**Remark(s):**

**Recommendation:** For fine grinding of powder coating the Ultra Centrifugal Mill ZM 200 is suitable under the above mentioned conditions.