**Task:**

**Application field:** Chemistry / Plastics  

**Material:** Powder coating (80 % epoxy polyester)  

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

**Feed quantity:** 500 ml  

**Material specification(s):** Temperature sensitive  

**Customer requirement(s):** < 125 µm  

**Subsequent analysis:** not defined  

**Solution:**

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

**Configuration(s):** Push-fit rotor ZM 200, 12 teeth, stainless steel;  
Distance ring sieve trapezoid holes 0.25 mm;  
Cyclone ZM 200 with passage receptacle and holder, with 3 litres collector  

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

**Time:**  

**Achieved result(s):** 98 % < 125 µm  

**Remark(s):**  

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