**Task:**

**Application field:** Chemistry / Plastics

**Material:** PET pellets

**Feed size:** 0-2 mm (plus oversize particles)

**Feed quantity:** 2500 g

**Material specification(s):** electrostatic

**Customer requirement(s):** Separation of oversize particles > 2 mm

**Subsequent analysis:** not defined

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**Solution:**

**Selected instrument(s):** Horizontal Sieve Shaker AS 400

**Configuration(s):** Test sieve 400 x 65 mm, aperture size 2 mm; Collecting pan stainless steel, 400 mm ø, height 65 mm

**Parameter(s):** Revolution speed 250 rpm

**Time:** 3 min.

**Achieved result(s):** all particles > 2 mm are separated

**Remark(s):** All particles > 2 mm stay on the sieve, smaller particles are collected in the collecting pan.

**Recommendation:** For separation of certain particle sizes our Horizontal Sieve Shaker AS 400 is suitable under the above mentioned conditions