

Task:**Application field:** Food / Feed**Material:** **Dog feed****Feed size:** Sample 1) 130 mm
Sample 2) 50 mm**Feed quantity:** 14 kg**Material specification(s):** dry**Customer requirements(s):** 1.5 mm**Subsequent analysis:** not defined**Solution****Selected Instrument(s):** Hammer Mill HM 200**Configuration(s) Item nos.:** 1 x Hammer Mill HM 200, 3~ 400V 50Hz, incl. 10 l receptacle, incl. wear plates,
10 x hammers hardened steel 1.0503, without hopper and sieves

1 x Standard hopper for HM 200

1 x Bottom sieve 2 mm, round hole, for Hammer Mill HM 200, Steel 1.0330

1 x Continous outlet for HM 200

1 x Receptacle 30 l, for HM 200

Please note: Other electrical versions of the instrument(s) are available with different item numbers.

Parameter(s): 3000 rpm**Time:** Sample 1) 100 s
Sample 2) 130 s**Achieved result(s):** Predominantly < 1.1 mm**Remark(s):** The dog feed sample 1 is larger than the specifications for the feed size (100 mm nominell alllowed, sample is 130 mm) - as it is brittle and only medium hard, grinding such large pieces in the Hammer Mill HM 200 is successful.

Around 14 kg of both samples could be ground to less than 1.1 mm final size using a 2 mm bottom sieve in appr. 2 min.

Recommendation: The Hammer Mill HM 200 is suitable to grind the sample material under the above mentioned conditions.

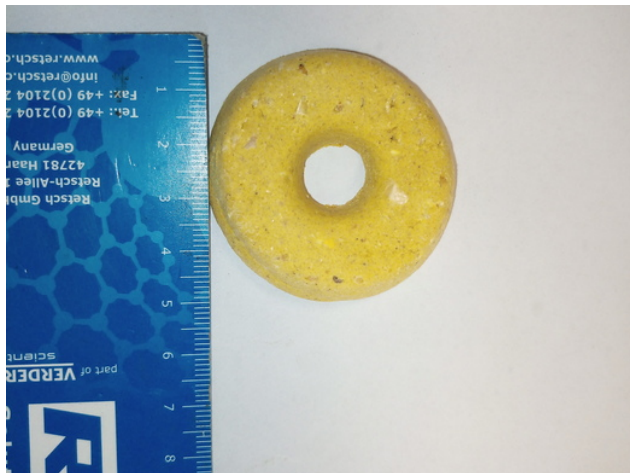
Pictures of the sample:



Picture 1: Dog feed sample 1 before grinding



Picture 2: Dog feed sample 1 after grinding



Picture 3: Dog feed sample 2 before grinding



Picture 4: Dog feed sample 2 after grinding