Application field: Environment

Material: Refuse derived fuels (RDF: plastic foils; garbage bag)

Feed size: 50-100 mm

Feed quantity: 60 g

Material specification: elastic, temperature sensitive

Customer requirement: ≤ 1.0 mm; 100 g per analysis

Subsequent analysis: Moisture Content, (BS 1017: The Sampling of Coal and Coke)

Instrument: SM 100 Cutting Mill

Configuration: Standard hopper; base frame; ring-type filter with Conidur hole body for collecting receptacle 5 l; bottom sieve of stainless steel with Conidur holes 1.0 mm / square holes 2.0 mm; dirt collecting pan of plastic

Parameter: Rotational speed: 1500 rpm

Time: 2 min.

Result: Particle sizes ≤ 1 mm; s. pictures

Remark: If a bottom sieve of 1.0 mm is used, a small sample residue can remain in the grinding chamber.

Recommendation: For the grinding of elastic refuse derived fuels we recommend our Cutting Mill SM 100 according to the conditions mentioned above.

The application report is based solely on the processing of the available sample material in the indicated amount. No legal claims shall be derived from this test report. Subject to technical modification and errors.

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Pictures of the sample

**Fig. 1:** Milled sample; bottom sieve 2.0 mm square holes

**Fig. 2:** Milled sample; bottom sieve 1.0 mm Conidur holes

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