

# LAARMANN<sup>®</sup>

*Innovators in Solids*

## USED CRUCIBLES LM2000 PULVERISER RING MILL



# USED CRUCIBLES APPLICATION

**Sample Material:** Iron based Alloy with precious metals



Pieces of up to 53 mm Sample material



3mm after pre-crushing with LMFC250 Fine Crusher



## Grinding parameters

Grinding system:	LM2000 Pulveriser Ring Mill
Accessories:	Grinding bowl 1000cc
Speed:	1400 rpm
Sample material:	Used Crucibles
Grinding time:	4 minutes Sample
Amount:	560 gram

## Results:

- . 100% < 250 micrometer after 4 minutes grinding time
- . 78% < 125 micrometer after 4 minutes grinding time

## Recommendation

For the sample preparation of the sample material (Used Crucibles) we recommend our LM2000 Pulveriser Ring Mill as following:

- With 1000 cc bowls for grinding of up to 600 gr. in one milling step.
- With 2000 cc bowls for grinding of up to 1200 gr. in one milling step.

Under the above mentioned conditions. A prolongation of the grinding time will improve the end-fineness. For a higher sample amount of to 4000 gr. Alternatively our grinder LM5000 Pulveriser Ring Mill can be used under the same conditions. The Liftboy system for the LM2000 Pulveriser Ring Mill ensures an easy handling of the bowl without any manual action as well as an easy lifting of the disc with the hook.