

LAARMANN[®]

Innovators in Solids

IRON BASED ALLOY WITH PRECIOUS METALS LM5000 PULVERISER RING MILL



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IRON BASED ALLOY APPLICATION

Sample Material: Iron based Alloy with precious metals



Original sample



Pre crushed sample

Grinding parameters

Grinding system:	LM5000 Pulverizer Ring Mill
Accessories:	B5000 Bowl Standard Steel, B5000 Disc Standard Steel ,B5000 Lid Standard Steel
Sample material:	Iron based Alloy with precious metals
Product feed size:	Pieces of up to 40mm length
Grinding time:	4 minutes
Sample amount:	4000 gr / Sample No. 1 5000 gr / Sample No. 2 / pre-crushed with Jaw Crusher
Result:	84% < 500 μm / Sample No. 1 95% < 500 μm / Sample No. 2



5000gram in the LM5000 Bowl

Recommendation

For the sample preparation of a.m. material: **Iron based Alloy with precious metals** or similar materials and a batch capacity of up to 4000 gram our Pulverizer LM2000 with 2000 cc. bowls is sufficient. For quantities of up to 10000 gr. batches we recommend our Pulverizer Type LM5000, **see as well Picture 3**. A Pre-crushing with our LMC200 Jaw Crusher is recommended due to the feed size of up to 40mm. A proper pre-crushing will improve the fine grinding and reduce the wear rate for the fine milling.