



Minerals

Application

Market segment:	Mineralogy / Metallurgy
Material:	Dolomite, CaCO ₃ MgCO ₃ / CaO MgO (2 samples)
Feed size:	30-100 mm
Feed quantity:	3000 g (per sample)
Material specification(s):	Hard, brittle
Customer requirement(s):	< 2 mm following analytics acc. to EN 459-1-2-3
Subsequent analysis:	"C" Carbon Determination

Solution

Selected instrument(s):	LMC100D Jaw Crusher
Configuration(s):	LMC100D Jaw Crusher with breaking jaws of stainless steel
Working settings:	Gap size 1 - 3 mm
Time:	5 min. (per batch)
Achieved result(s):	70 - 90 % < 2 mm
Remark(s):	For smaller quantities like leave samples, a grinding jar of 25 ml was used.
Recommendation(s):	For pre crushing of hard and brittle minerals, the LMC100D Jaw Crusher is suitable under the above mentioned conditions.



Calcium

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