

LAARMANN[®]

Innovators in Solids

PLASTIC AND GLASFIBRES MIXTURE MICRO BALL MILL



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PLASTIC AND GLASFIBRES MIXTURE APPLICATION

Product description:

Sample Material: Plastic with Glasfibres mixture



Original sample No 1. Glasfibres (Feed Size of up to 3mm)



Sample loaded in Lab Wizz (50,41 gr/25,31g)



Processed sample

Grinding parameters

Grinding system:	Lab Wizz 320 Micro Ball Mill
Accessories:	50ml for 25,31 and 100ml grinding bowl for 50,41 gr. Bowl made from stainless steel. 1x30mm grinding ball made from stainless steel
Sample material:	Plastic/Glasfibres mixture
Product feed size:	Pieces of up to 3 mm
Grinding time:	1-2 minutes
Sample amount:	up to 50 gr per process
Result after sieving:	homogeneously milled. Mainly < 100 µm. A longer milling cycle will increase the fineness.

Recommendation

In order to grind and to homogeneously mix a.m. samples in about 60-120 secs. we recommend the use of the Lab Wizz under the above mentioned grinding conditions.