

LAARMANN[®]

Innovators in Solids

PLASTIC PART CM1000 CUTTING MILL



PLASTIC PART APPLICATION

Grinding parameters

Grinding system: Cutting Mill Type CM1000

Accessories: Fixed knife and Moveable Rotor knives from stainless steel

Sample material: Plastic sample / with Quartz

Product feed size: Pieces of **up to 150** length

Grinding time: 1-2 minutes

Sample amount: up to 15gr per piece

Result after sieving: homogeneously milled. Mainly 1,00 mm. **Longer milling** Cycle will increase the fineness.

Original Sample



Plastic part, total weight 15,27 g per piece

Processed Sample



Processed sample / Pre-Cutting with 12,00mm Sieve

Processed Sample



Processed sample / Fine-Cutting with 2,00mm Sieve

Recommendation

In order to homogeneously grind a.m. samples in about 60-120 secs. we recommend the use of our Cutting Mill Type CM1000 under the above mentioned grinding conditions.

Application notes can only be used as a guideline. Each type material of has its own characteristics and therefore the outcome for each test may vary per material. We cannot accept any legal claims derived from this application note. This document is subjected to technical modification and errors.