

Result 1



PLANETARY MONO MILL PULVERISETTE 6 CLASSIC LINE

main disk speed: 600 rpm

250 ml grinding bowl made of stainless steel

+ 15x 20 mm Ø stainless steel

Feed quantity: 15 g
Feed Size: 1-2 mm
Grinding time: 4 min
Final fineness: <250 µm
Comments: Desired fineness has been reached after 4 minutes of dry grinding.

For a grinding of higher amounts, up to 500ml bowls can be equipped with e.g. our Planetary Mill PULVERISETTE 5 classic line with 4 bowl fasteners as well.

Result 2



PLANETARY MONO MILL PULVERISETTE 6 CLASSIC LINE

main disk speed: 600 rpm

250 ml grinding bowl made off stainless steel

+ 15x 20 mm Ø stainless steel grinding balls

Feed quantity: 15 g
Feed Size: 1-2 mm
Grinding time: 2 min

Final fineness: <250-300 μm
Comments: After only 2 minutes of dry grinding, still particles up to 300 μm length can be found. For this, we recommend grinding analogue result 1.

Result 3



VARIABLE-SPEED ROTOR MILL PULVERISETTE 14

speed: 20.000 rpm

impact rotor with 12 ribs stainless steel

+ sieve ring: 0,12 mm trapezoidal perforation stainless steel

Feed quantity: 15 g
Feed Size: 1-2 mm
Grinding time: 30 s
Final fineness: <120 μm
Comments: Sample has been fed within 30s. Only minimal residues use to be shown on rotor and sieve ring afterwards. A grinding of higher amounts is still possible.

Usually, resulting particles will show a d50 (50%vol.) of half of the size of the sieve rings openings. For this, a d50 < 60 μm is expected to be found after grinding.