

铁粉

行业:	Chemistry, Metallurgy
进料尺寸:	~ 350µm
最终精度:	d50<10µm
样品量:	
研磨建议:	



PLANETARY MONO MILL PULVERISETTE 6 CLASSIC LINE

550 rpm

250 ml hardmetal tungsten carbide (WC) + 15x20 mm
WC-balls

Feed quantity:	500 g (150 ml)
Feed Size:	<350 µm
Grinding time:	1 h*1
Final fineness:	d50 <30,9 µm*2 d90 78,8 µm
Comments:	*1: grinding steps: 10min grinding time and 30min pause/break (for cooling). After 10min grinding time the temperature get ~60- 70 °C. *2: see results with our Laser-Particle-Sizer "ANALYSETTE 22"-MicroTec.



PLANETARY MONO MILL PULVERISETTE 6 CLASSIC LINE

550 rpm

250 ml hardmetal tungsten carbide (WC) + 15x20 mm
WC-balls

Feed quantity: 500 g (150 ml)
Feed Size: <350 µm
Grinding time: 2 h*1
Final fineness: d50 <23,9 µm*2
d90 <68,1 µm

Comments: *1: grinding steps: 10min grinding time and 30min
pause/break (for cooling).
After 10min grinding time the temperature get ~60-
70 °C.
*2: see results with our Laser-Particle-Sizer
"ANALYSETTE 22"-MicroTec.



PLANETARY MONO MILL PULVERISETTE 6 CLASSIC LINE

550 rpm

250 ml hardmetal tungsten carbide (WC) + 6x60 mm
WC-balls!!

Feed quantity: 500 g (150 ml)
Feed Size: <350 µm
Grinding time: + 30 min (=2,5 h)*1
Final fineness: d50 <22,6 µm*2
d90 <72,5 µm

Comments: *1: grinding steps: 10min grinding time and 30min
pause/break (for cooling) x3 cycles.
After 10min grinding time the temperature get ~60-
70 °C.
The grinding is not effective, a result 50%<10µm with
the planetary ball mill is not possible.
*2: see results with our Laser-Particle-Sizer
"ANALYSETTE 22"-MicroTec.