

回用碳纤维样本

行业:	Plastics / textiles
进料尺寸:	< 15mm
最终精度:	d90 < 5µm
样品量:	
研磨建议:	



PLANETARY MICRO MILL PULVERISETTE 7 PREMIUM LINE

850 rpm dry grinding

80 ml stainl. steel bowl + 40x10 mm stainl. steel balls
(~150g)

Feed quantity:	4,7 g (ca. 60 ml)
Feed Size:	<15 mm/<10 mm diam.
Grinding time:	5 min
Final fineness:	d50 <3,7 µm d90 <8,8 µm*1

Comments: in the beginning the bowl is completely full. After the first 2-3 minutes the sample collapse backup on itself to a small volume.

*1: see result with our Laser-Particle-Sizer
ANALYSETTE 22-NanoTec, Meas.No.5647 on separate
page.



PLANETARY MICRO MILL PULVERISETTE 7 PREMIUM LINE

850 rpm wet grinding

80 ml stainl. steel bowl + 40x10 mm stainl. steel balls
(~150g)

Feed quantity: 4,7 g (ca. 60 ml)

Feed Size: <15 mm/<10 mm diam.

Additive: + 30ml water

Grinding time: 30 min

Final fineness: d50 <2,5 μm

d90 <9,6 μm *1

Comments: *1: see result with our Laser-Particle-Sizer

ANALYSETTE 22-NanoTec, Meas.No.5674 on separate page.

After 5 min. grinding time we measured a particle size of d50 <7,6 μm and d90 <22,6 μm (see Meas.No.5653).