

# 3-叔丁基-4-羟基苯甲醚

行 业:	Chemistry
进料尺寸:	3mm
最终精度:	d50 < 10µm
样 品 量:	50g
研磨建议:	As shown with your sample Ni(II)Sulfate, sample is sticking in dry grinding right after 1 minute. In this case, the sticking is much stronger (typical for anisole compounds). Sieving of the sample will be hindered by harder agglomerates and the sticking character of the sample itself. Only by grinding in suspension, a d50 < 10µm might be achieved.



## PLANETARY MONO MILL PULVERISETTE 6 CLASSIC LINE

main disk speed: 650 rpm

250 ml grinding bowl made of zirconium oxide (ZrO<sub>2</sub>)

+ 15x 20 mm Ø ZrO<sub>2</sub> balls

Feed quantity:	35 g
Feed Size:	3 mm
Grinding time:	1 min
Final fineness:	sticks strong
Comments:	As seen in the additional photo page, balls are lightly covered; sample has been strongly compressed to the bowls wall. To remove the sample, a spatula was taken to quarry out the sample.

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If a sieving would follow, pieces would not fall apart without sieving aids; if sieving aids will be used, sample will be tabbed into the mesh of the used sieves and close them. Therefore, we don't recommend sieving the sample.

To achieve the desired endfineness, the sample needs to be ground in suspension with a proper solvent. It is necessary that the sample will not dilute, it is also necessary that the sample will be moistened by the solvent.

Unfortunately only a few grams are left, so we could not perform a grinding trial with solvent.



Sample has been stronger compressed to the wall.



Quarried out sample pieces (strongly compressed).