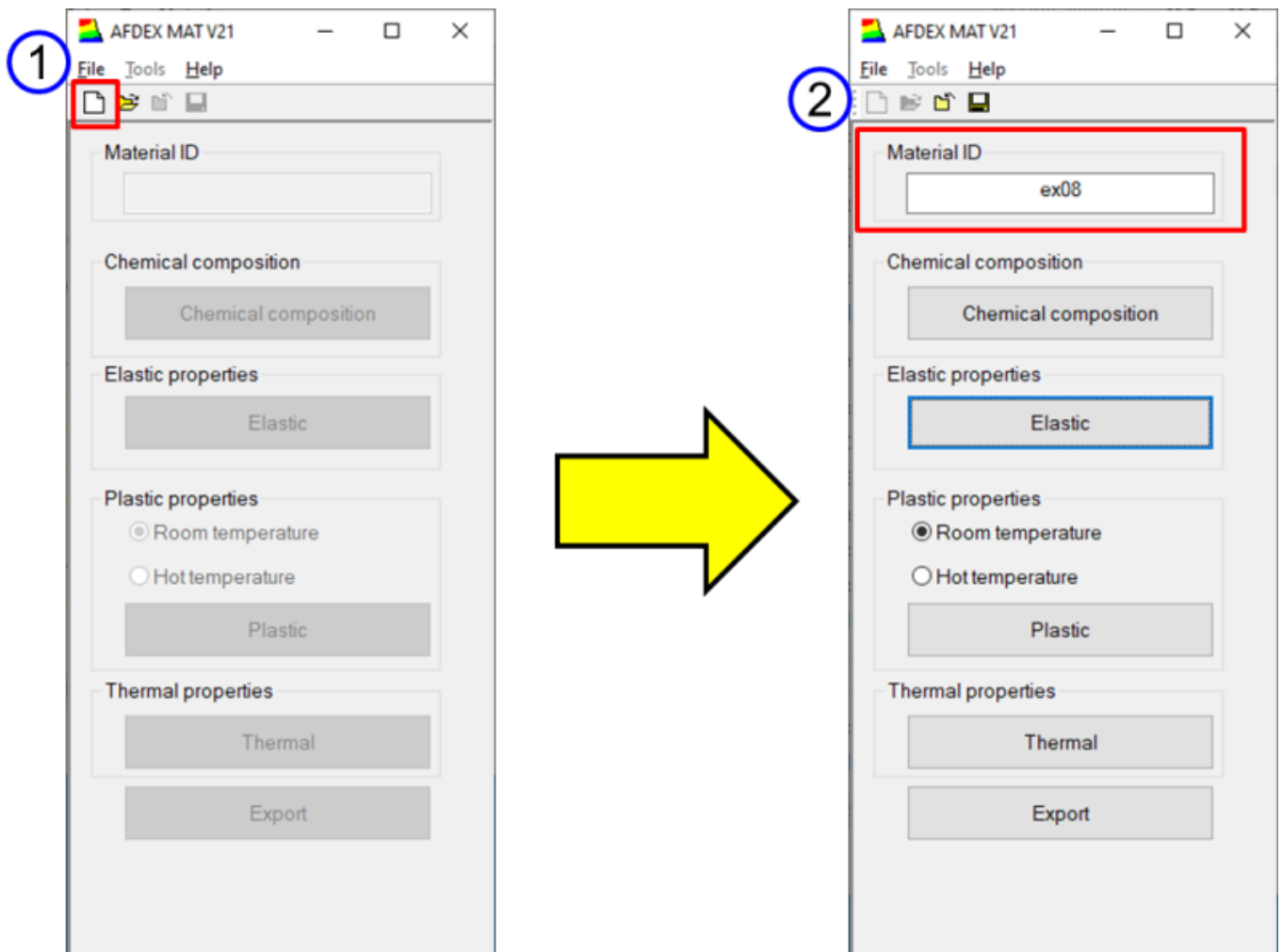


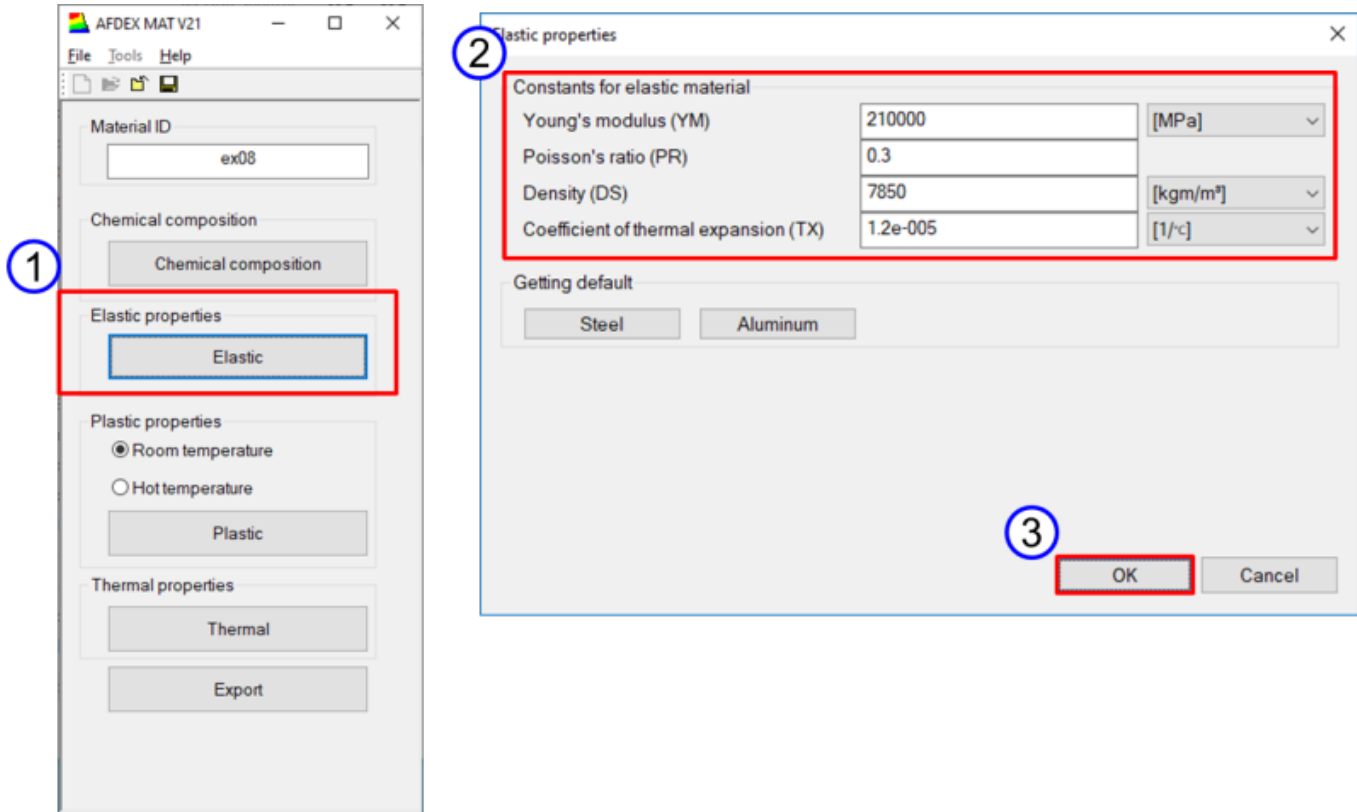
Ex09-2. Kn	.....	3
<i>AFDEX_MAT</i>	.....	3
	.....	3
	.....	4
	.....	4
	.....	5
	.....	5
	.....	6
	.....	7
	.....	8
	.....	9

Ex09-2. Kn

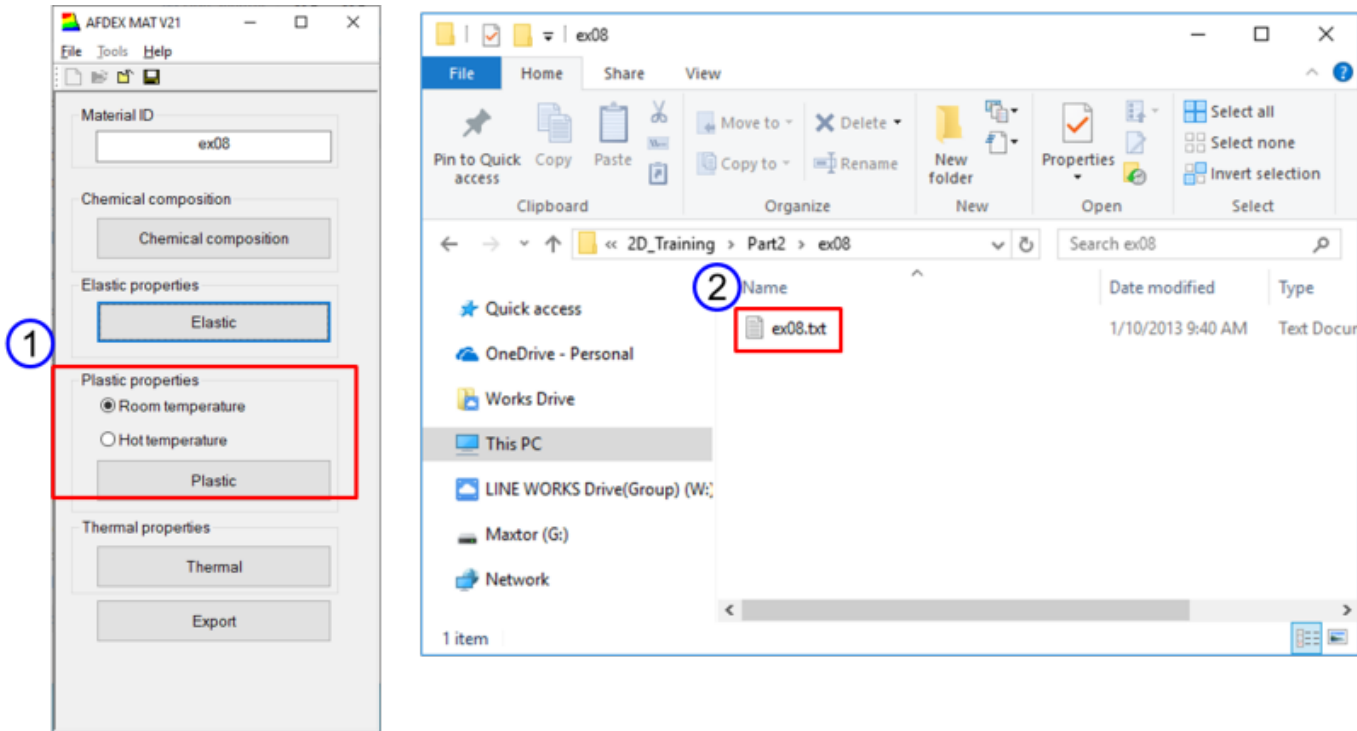
AFDEX_MAT



1. 'New' .
2. Material ID ex08()



1. "ELASTIC"
- 2.
3. "OK"



1. Plastic properties “Room temperature” , “Plastic”
2. “ ex08.txt .

Cold tensile test

Unit of length
[mm]

Unit of load
[kN]

Data format

☒ With id ☐ With weight

Size of specimen

Diameter 6.3899994

Gage length 25

Check

Yield strength

Yield strength 0

0 Max. Tensile strength

Fracture point

Necking point Last point

Fitting model

Simulation (8)

Numerical option

Run

Raw data

☒ Elongation-Load ☐ Eng.SS ☐ True.SS

387.	5.796390.	16.015900
388.	5.838090.	15.908521
389.	5.879790.	15.811871
390.	5.921490.	15.699120
391.	5.963090.	15.591741
392.	6.004790.	15.473620
393.	6.046490.	15.360870
394.	6.088090.	15.242750
395.	6.129790.	15.124630
396.	6.171390.	15.001151
397.	6.213090.	14.877661
398.	6.254790.	14.748800
399.	6.296490.	14.619941
400.	6.338090.	14.485721
401.	6.379790.	14.351490
402.	6.421490.	14.217260
403.	6.463190.	14.072300
404.	6.504790.	13.927330
405.	6.546390.	13.777000
406.	6.588090.	13.632040
407.	6.629790.	13.470961
408.	6.671490.	13.315261
409.	6.713090.	13.148821
410.	6.754790.	12.982380
411.	6.796490.	12.810570
412.	6.838190.	12.633390
413.	6.879790.	12.445470
414.	6.921391.	-0.016110

1

2

Diameter: 6.3899994 mm

Ext. gauge len: 25.000000 mm

Spec gauge len: 25.000000 mm

1.	0.001340.	0.177170
2.	0.001340.	0.204020
3.	0.001340.	0.451000
4.	0.002012.	0.778510
5.	0.002682.	1.127500
6.	0.003355.	1.476490
7.	0.004025.	1.825470
8.	0.005367.	2.158360
9.	0.006040.	2.459020
10.	0.006710.	2.754320
11.	0.007380.	3.033510
12.	0.008722.	3.312700
13.	0.011407.	3.575790

Select Curve

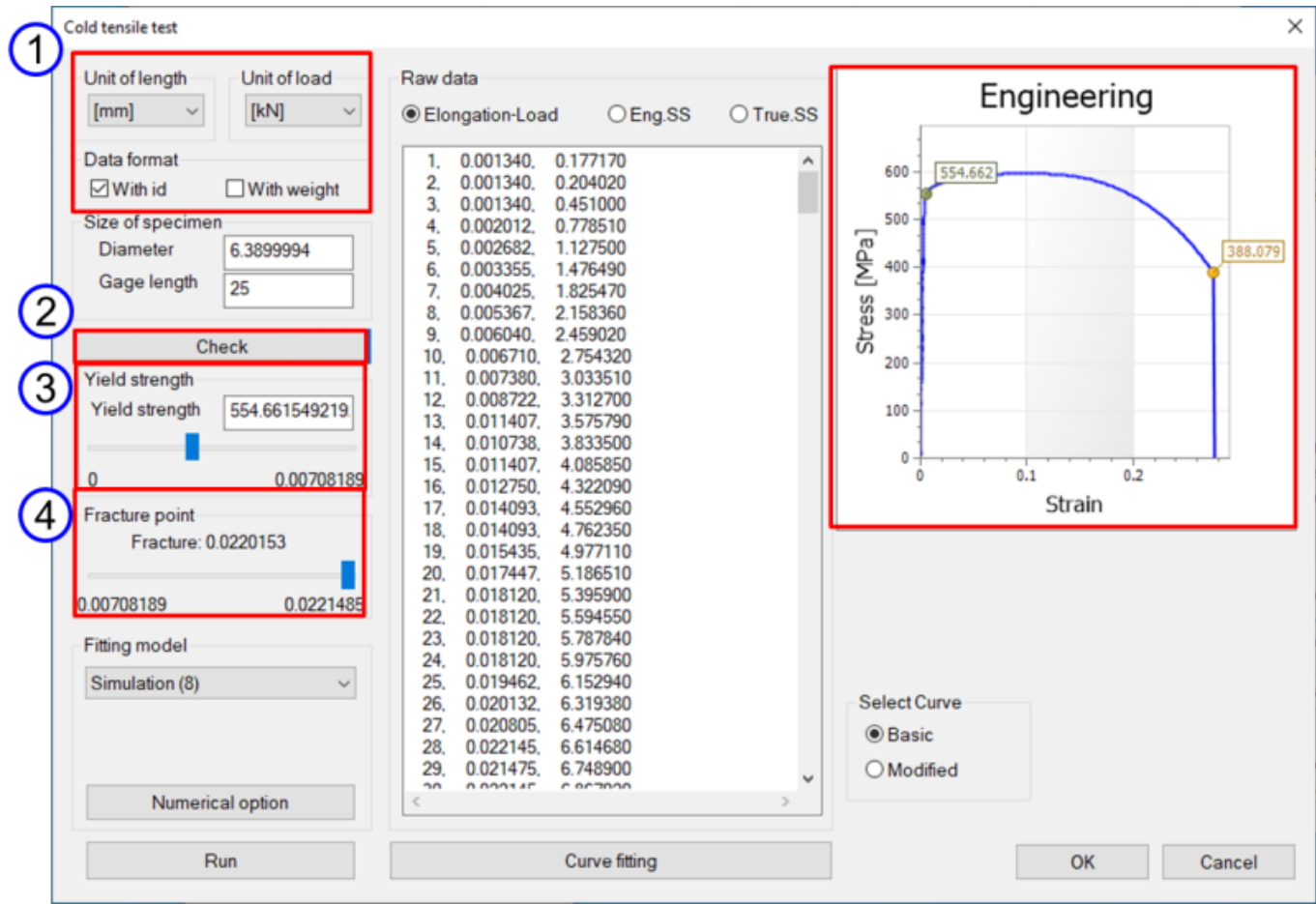
☒ Basic ☐ Modified

OK

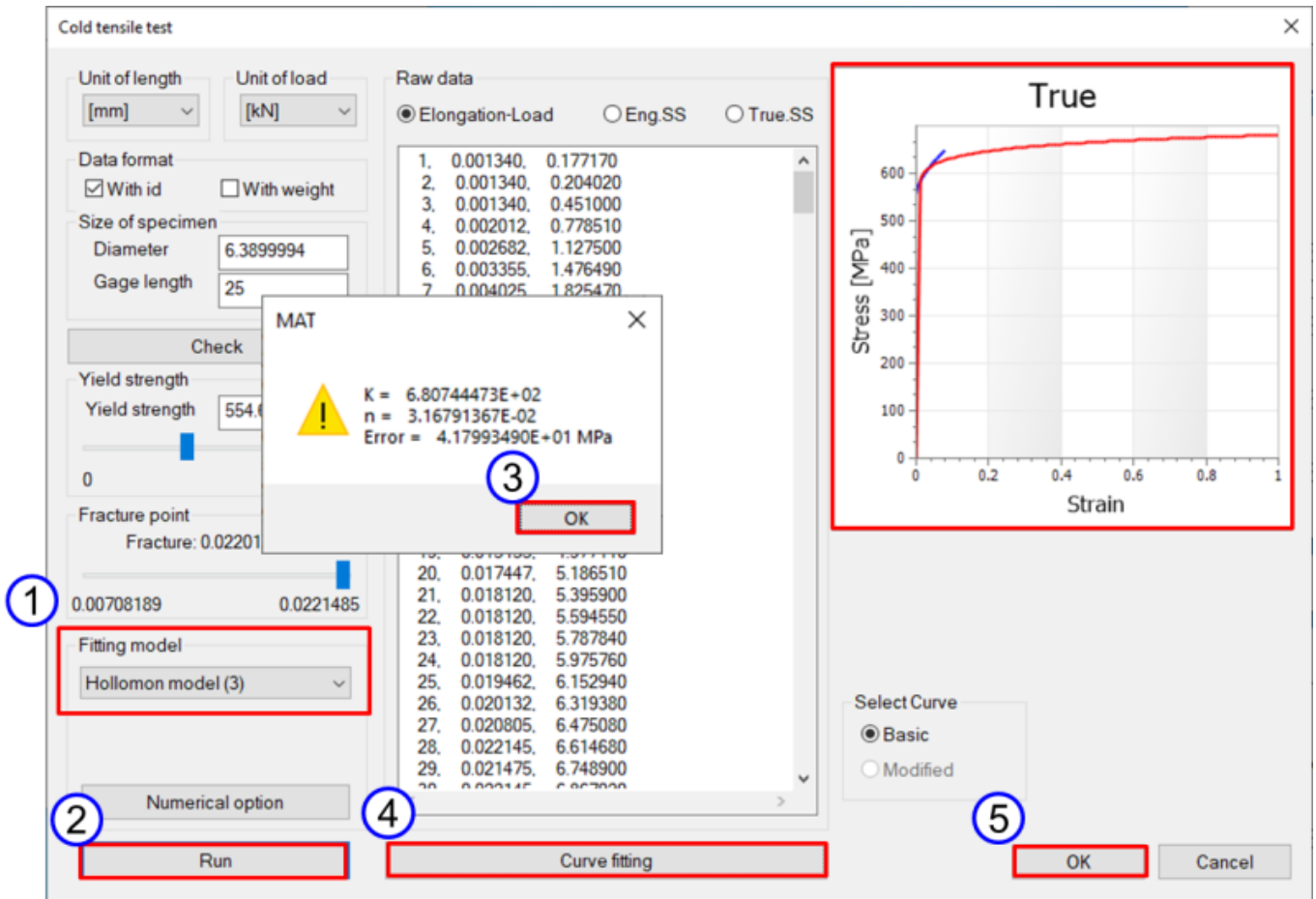
Cancel

Curve fitting

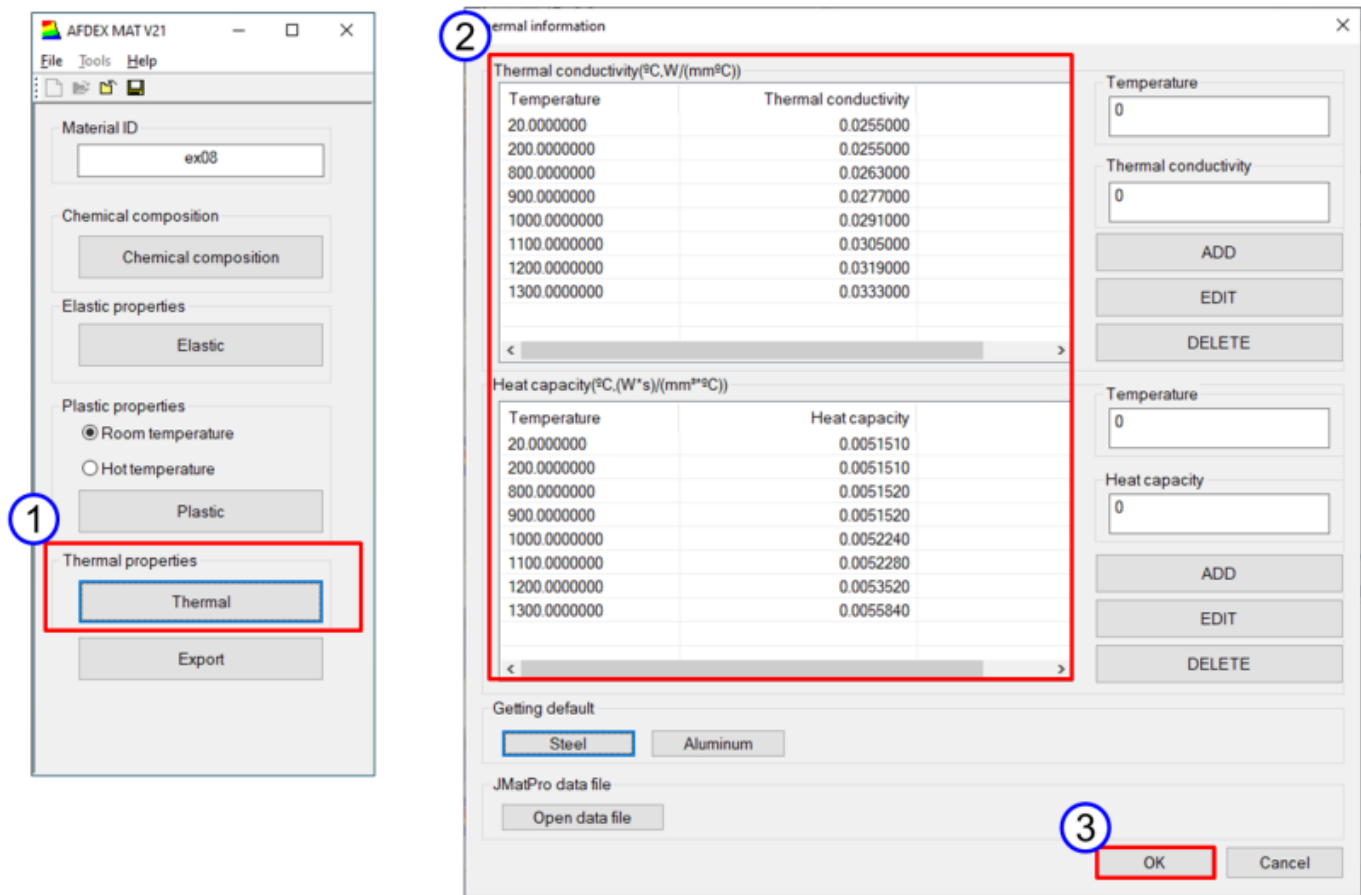
1.
2. “Raw data”



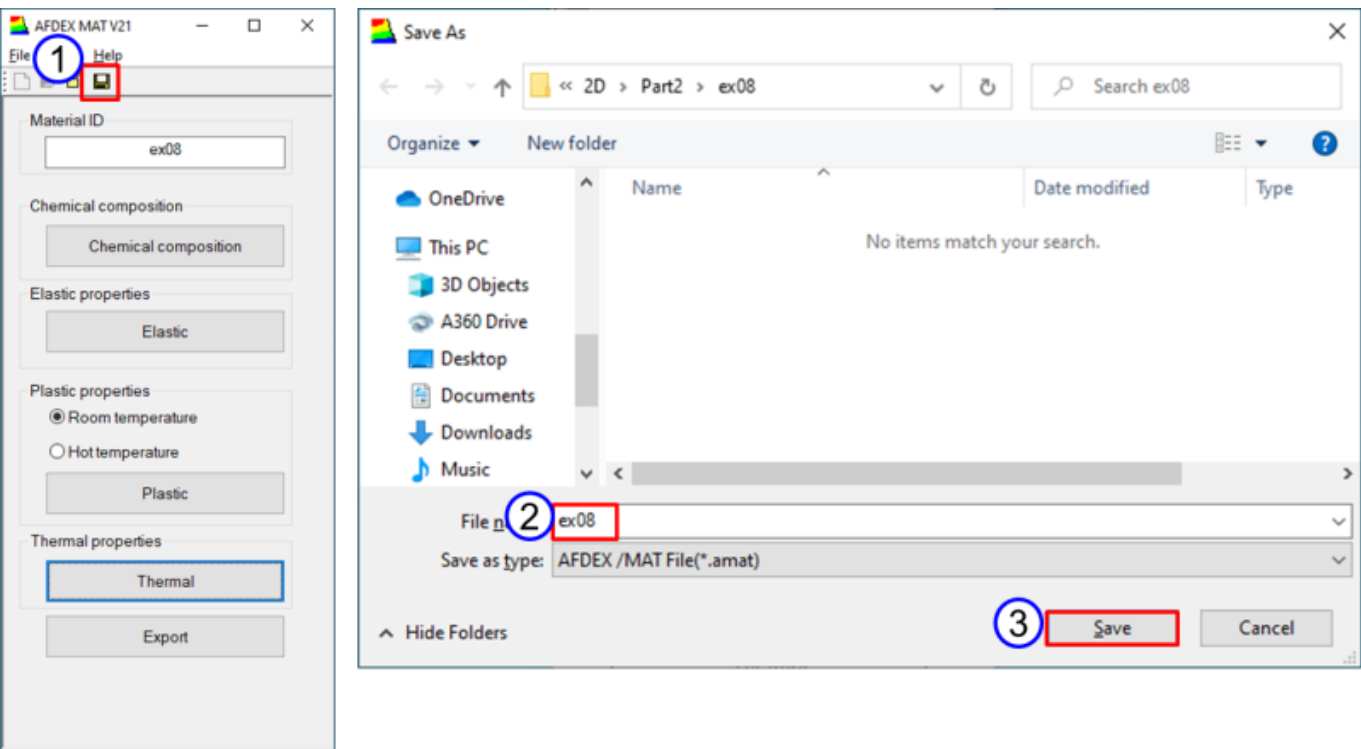
- 1.
2. "CHECK"
- 3.
- 4.



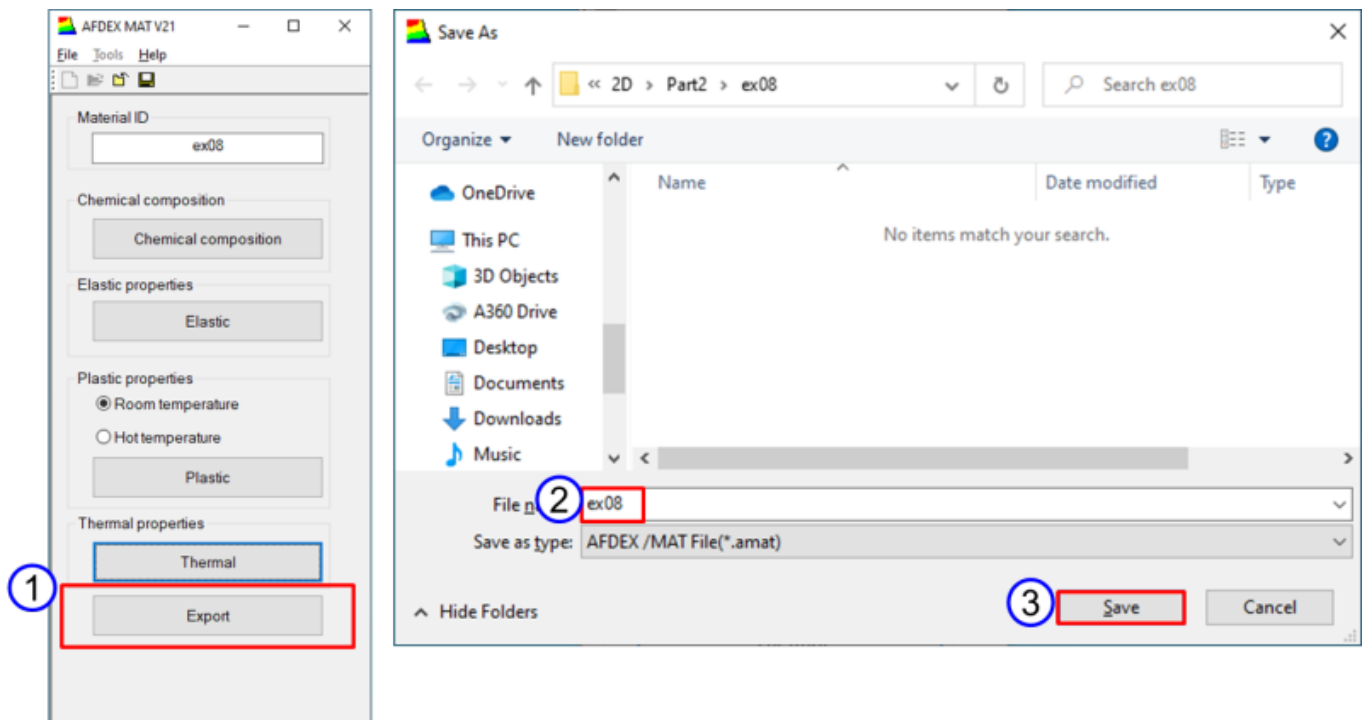
1. Fitting model "Hollomon model (3)"
2. "Run"
3. "OK"
4. "Curve fitting"
5. "OK"



1. "Thermal"
- 2.
3. "OK"



1. "Save" .
2. "ex08" .
3. "Save" .



1. "Export" .
2. "ex08" .
3. "Save" .

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