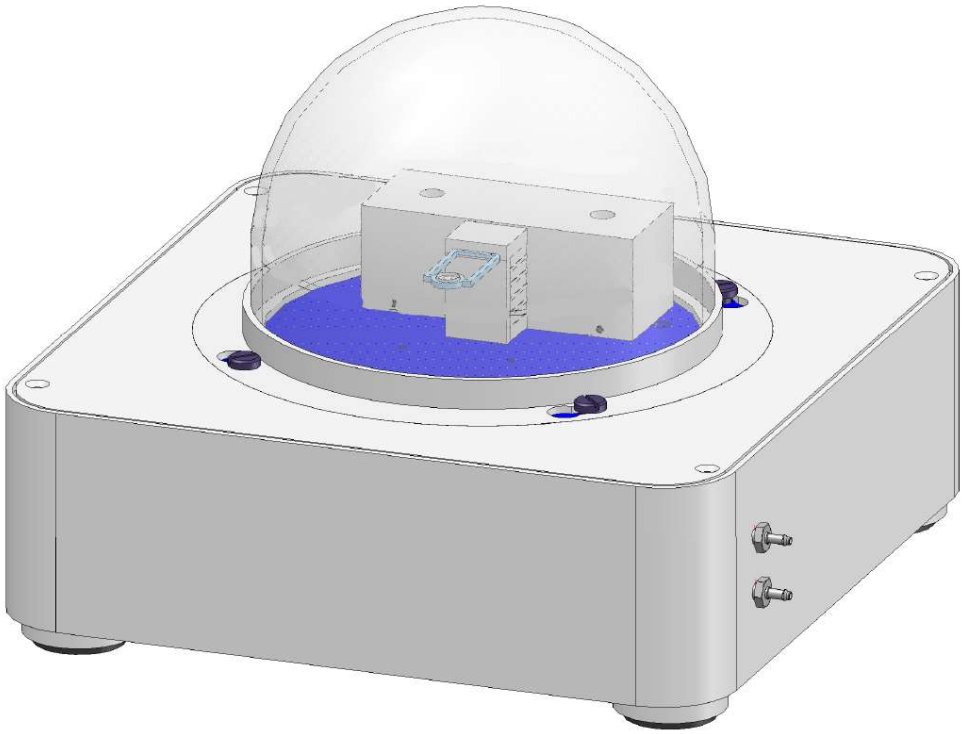
How To

Compare curves

with Chip DSC



Linseis Messgeräte GmbH

Gerlach

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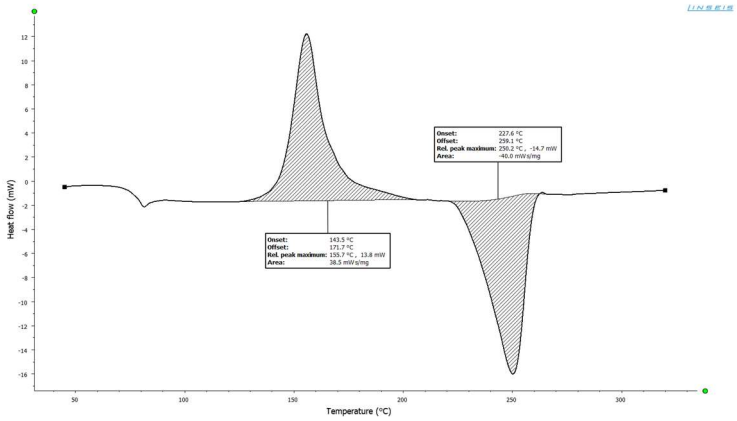
1. General information

This manual is a short description of how to handle curve comparison tool for the Chip-DSC. With this tool it is possible to save the evaluation of any reference curve and load this evaluation for different curves you want to evaluate in the same way. This tool also shows the difference between reference and sample curve. In addition it is possible to combine this tool with thermal library. For more information, read the other available instructions about software or specific manuals for the Chip DSC.

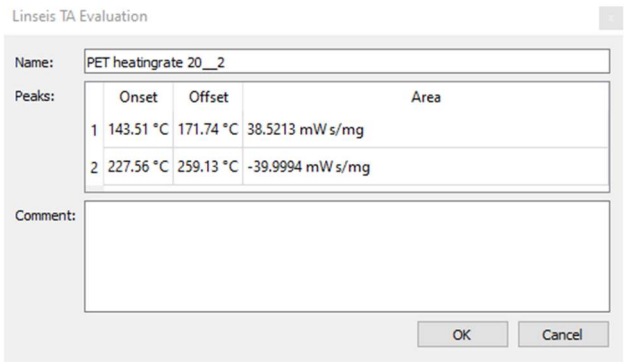
2. Set reference Curve for curve comparison

- Load and select your reference curve and evaluate

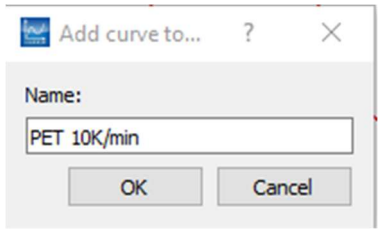


- Select Add the selected curve evaluation as reference for curve comparison

- Confirm the evaluated transitions

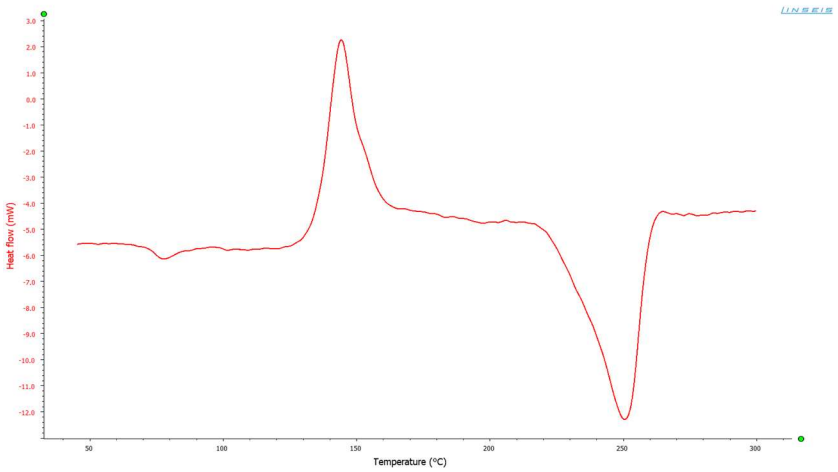


- Save the curve evaluation



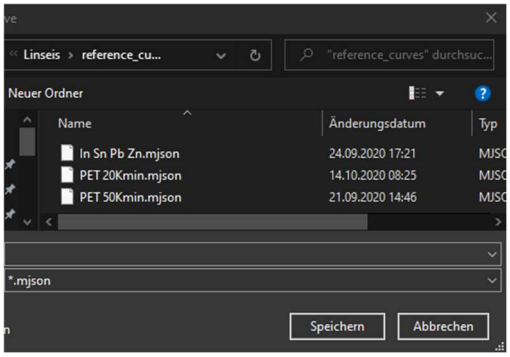
3. Compare curves with curve comparison

- Load and select curve you want to compare

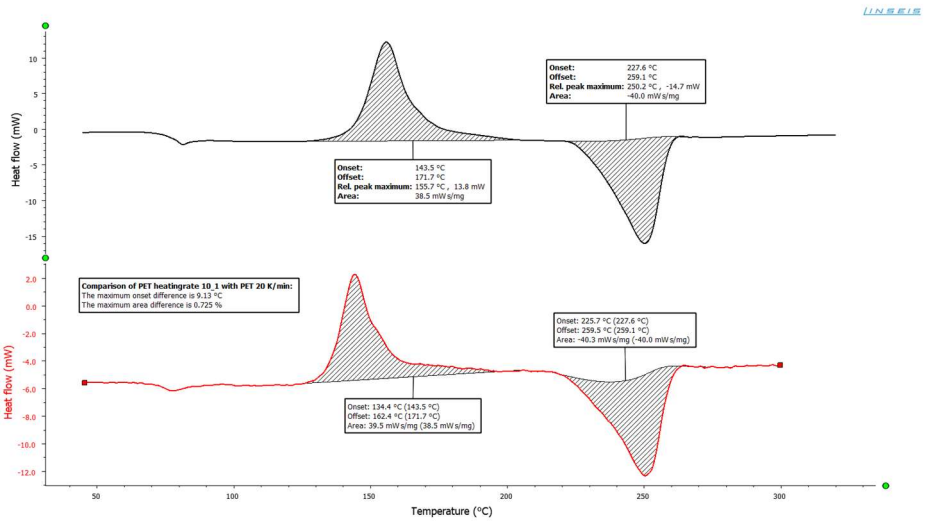


- Select Compare DSC curves tool

- Choose the evaluation you want to compare



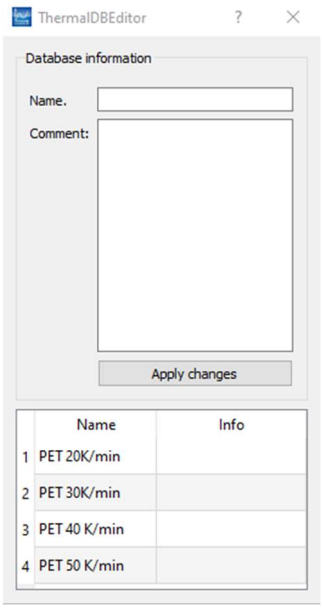
- Check results and modify evaluation if necessary



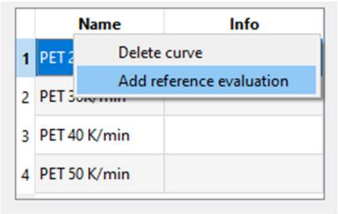
4. Add curve comparison to database

4.1. Add reference evaluation to database

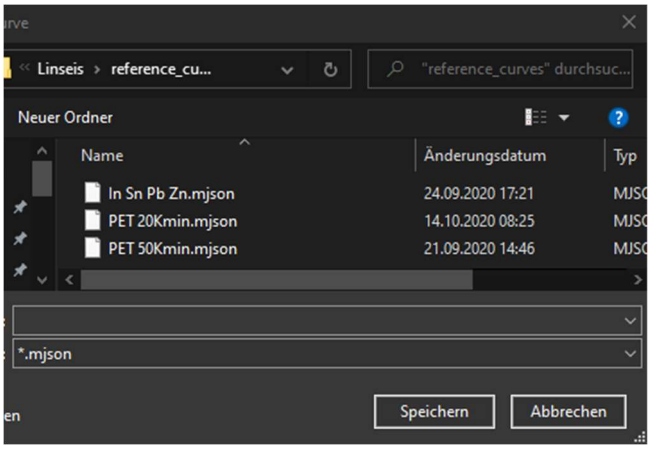
- Create Database and curve comparison file as described before
- Edit your database (doubleclick on database)



- Select the material you want to link with curve comparison
- Right click on material and select “add reference evaluation”

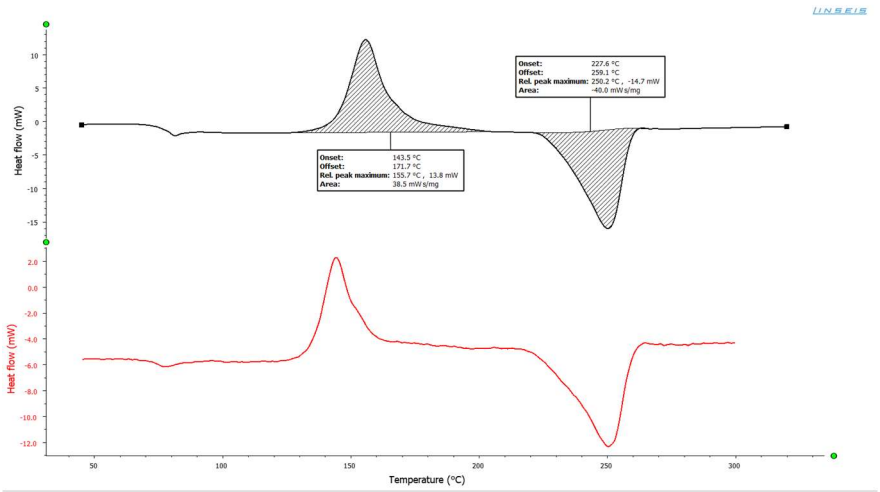


- Select the right curve comparison file

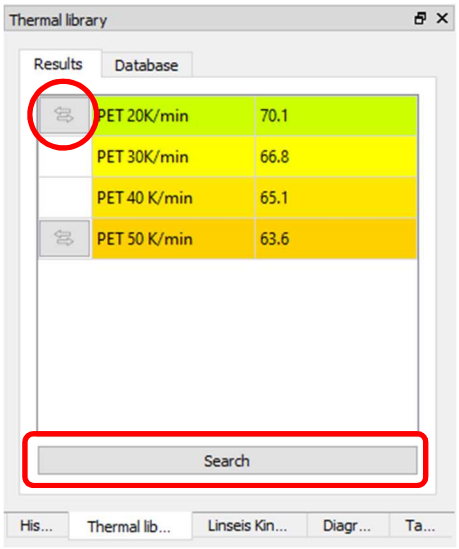


4.2. Show reference evaluation in your measurement

- Load and select the curve you want to evaluate



- Search in database for material



- Select linked curve comparison evaluation