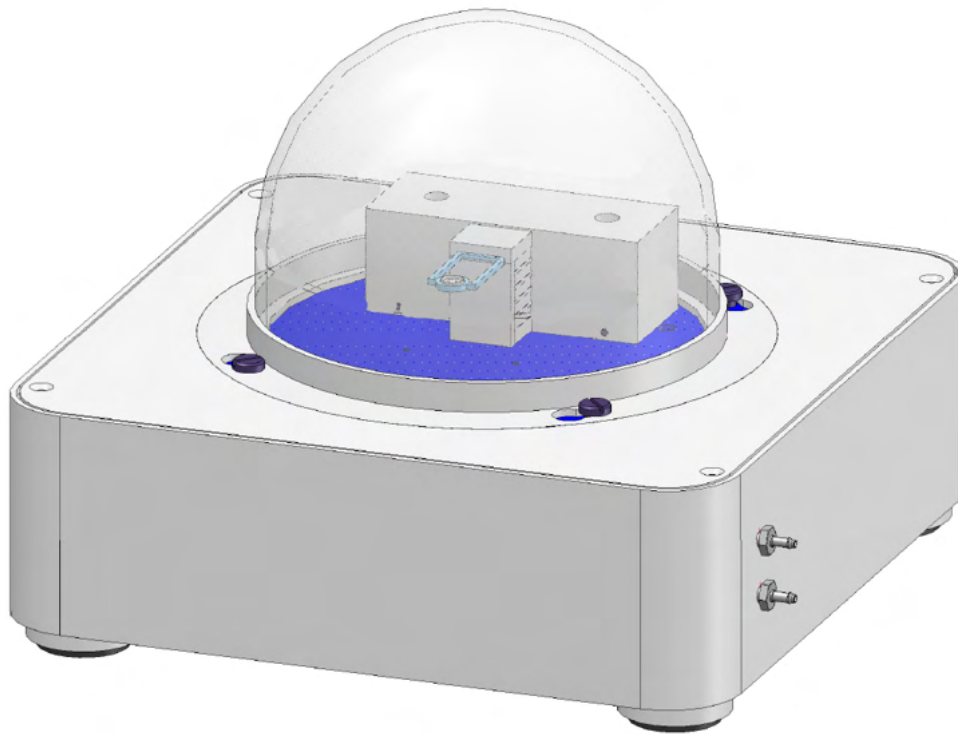


How To Peak evaluation with Chip-DSC



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How To evaluate peaks with Chip DSC

1. General information

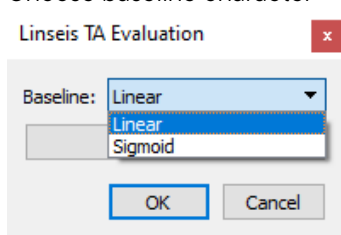
This manual is a short description of how to evaluate peaks of Chip-DSC measurements. The evaluation of peaks, beginning with the type of used baseline up to setting initial and endpoint is important to obtain valid results. To receive reproducible values clear peaks and measurements without distortion are required. For more Information, read the other available instructions about software or specific manuals for the Chip DSC.

2. Manual peak evaluation

- o Load and select curve
- o Choose peak evaluation tool

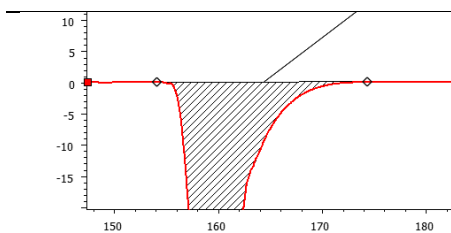


- o Choose baseline character



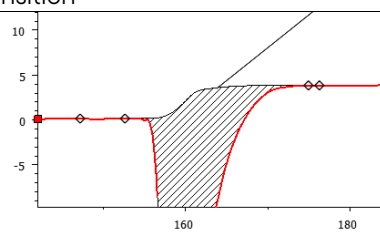
Linear

linear baseline between two points

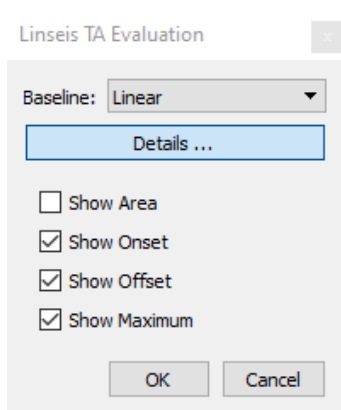


Sigmoid

baseline by two baselines before and after transition

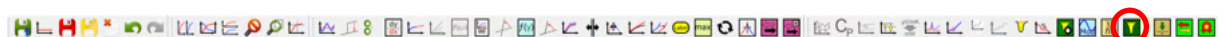


- o Select information to your needs



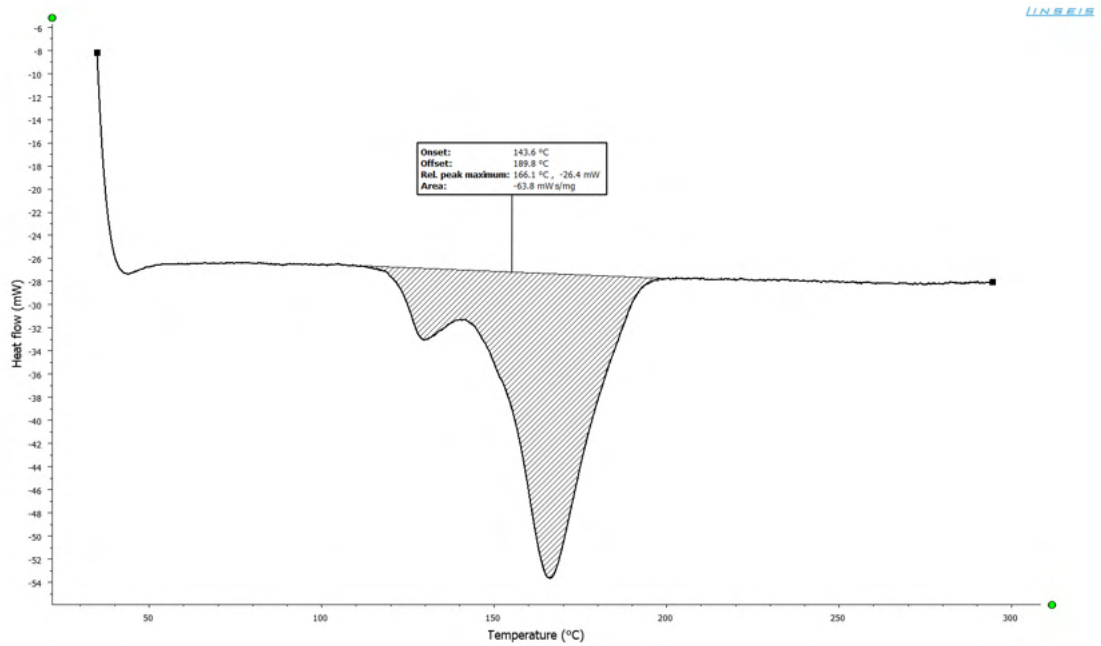
3. Double peak evaluation

- o Load and select curve
- o Choose peak evaluation tool

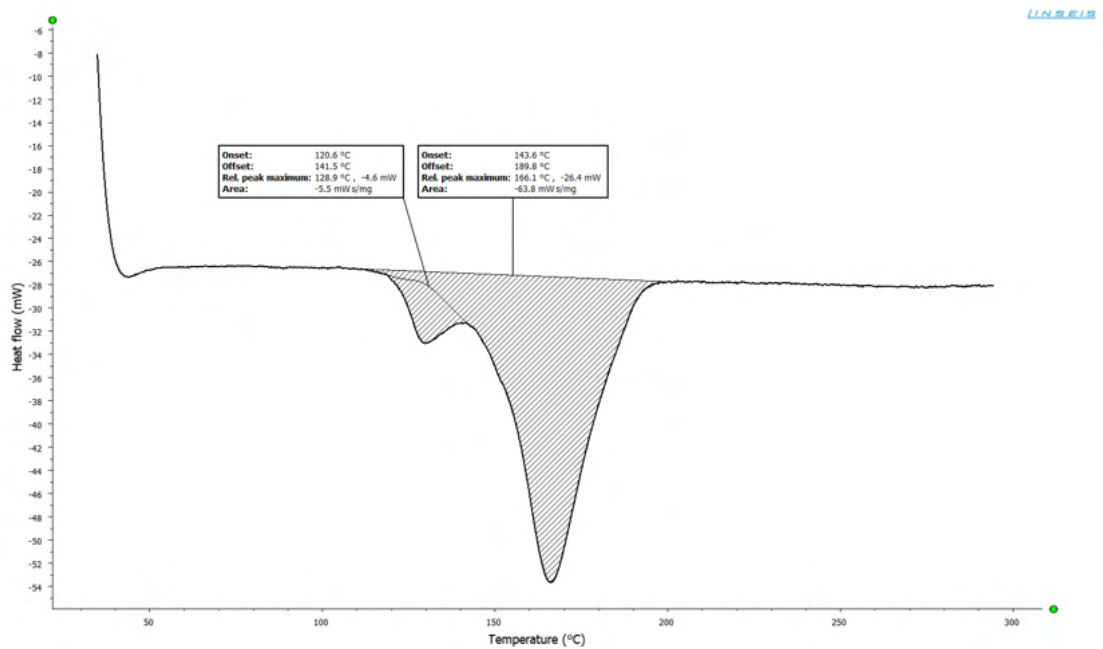


How To evaluate peaks with Chip DSC

- Evaluate first peak



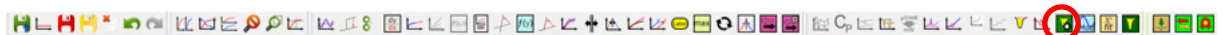
- Evaluate second peak



- Subtract peaks

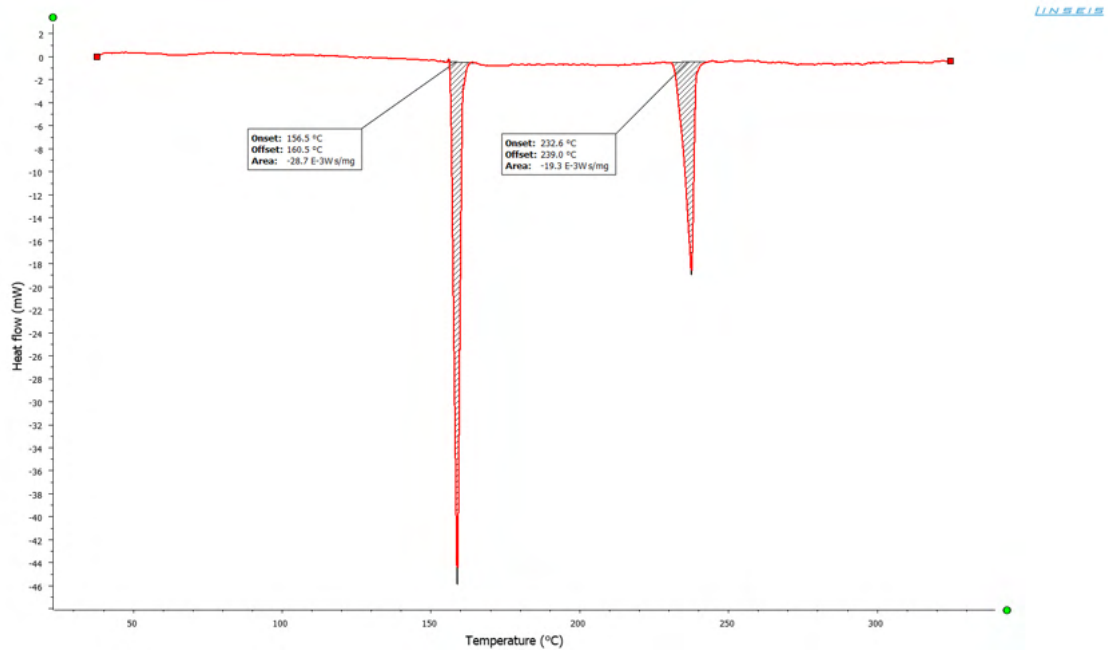
4. Automatic peak evaluation

- Load and select curve
- Choose automatic peak evaluation tool

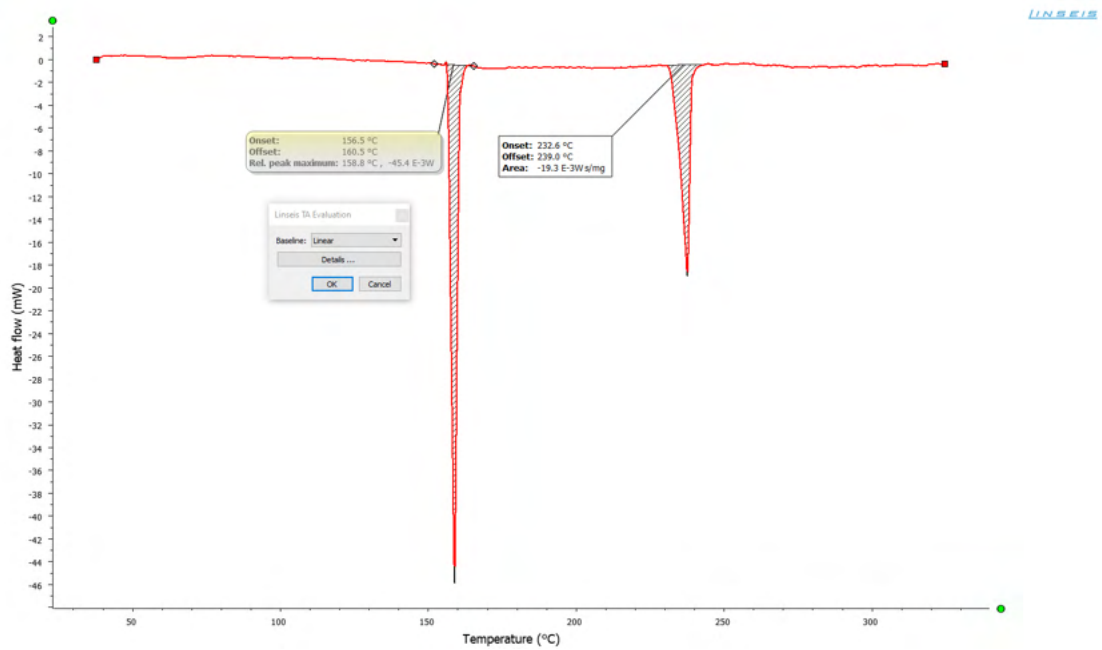


How To evaluate peaks with Chip DSC

- Check received information



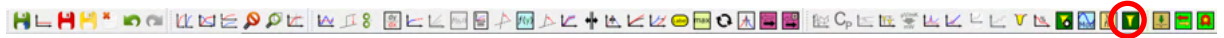
- Adjust peak settings (double click on label)



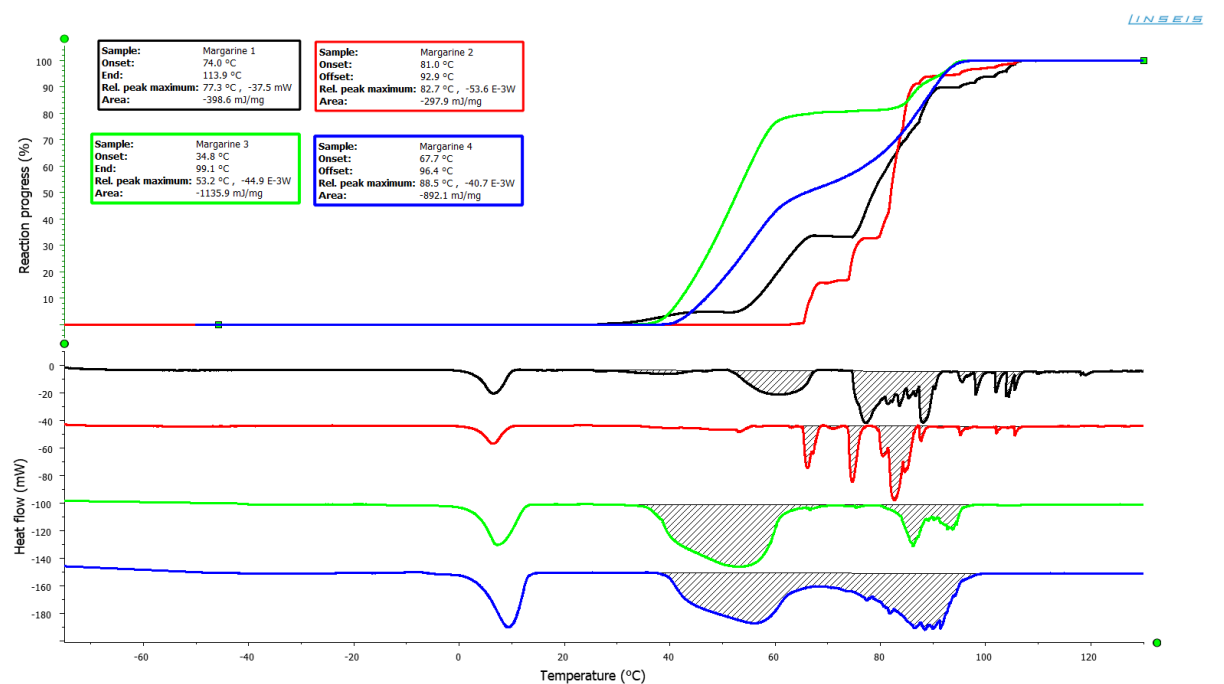
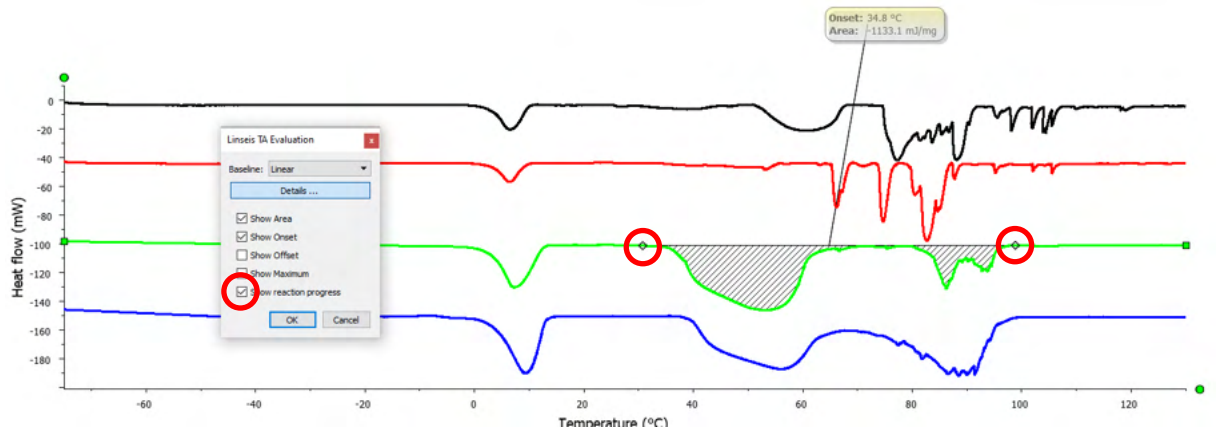
How To evaluate peaks with Chip DSC

5. Reaction Process evaluation

- o Load and select curve
- o Choose peak evaluation tool



- o Select option show reaction progress and set the edges of the desired transition



- o Confirm with Ok
- o Selecting the Data Explorer (D) you can display the percentage at a certain temperature

