



NETZSCH
Proven Excellence.

Altium International & NETZSCH

Your local partner for Thermal Analysis, Rheology & Fire Testing

Holger Rahner, Head of Sales DACH & Sales Manager for Adria Region
Martin Sačer, Sales Specialist | Croatia & Slovenia

Altium International

Local Presence. Regional expertise.



● USA (Boston)



Thermal Analysis

- DSC
- TGA
- STA
- DMA
- Dilatometry

Rheology

- Rotational
- Capillary

Fire Testing

- Reaction & Resistance to Fire Testing

NETZSCH

Proven Excellence.■

DSC 300 *Caliris*®

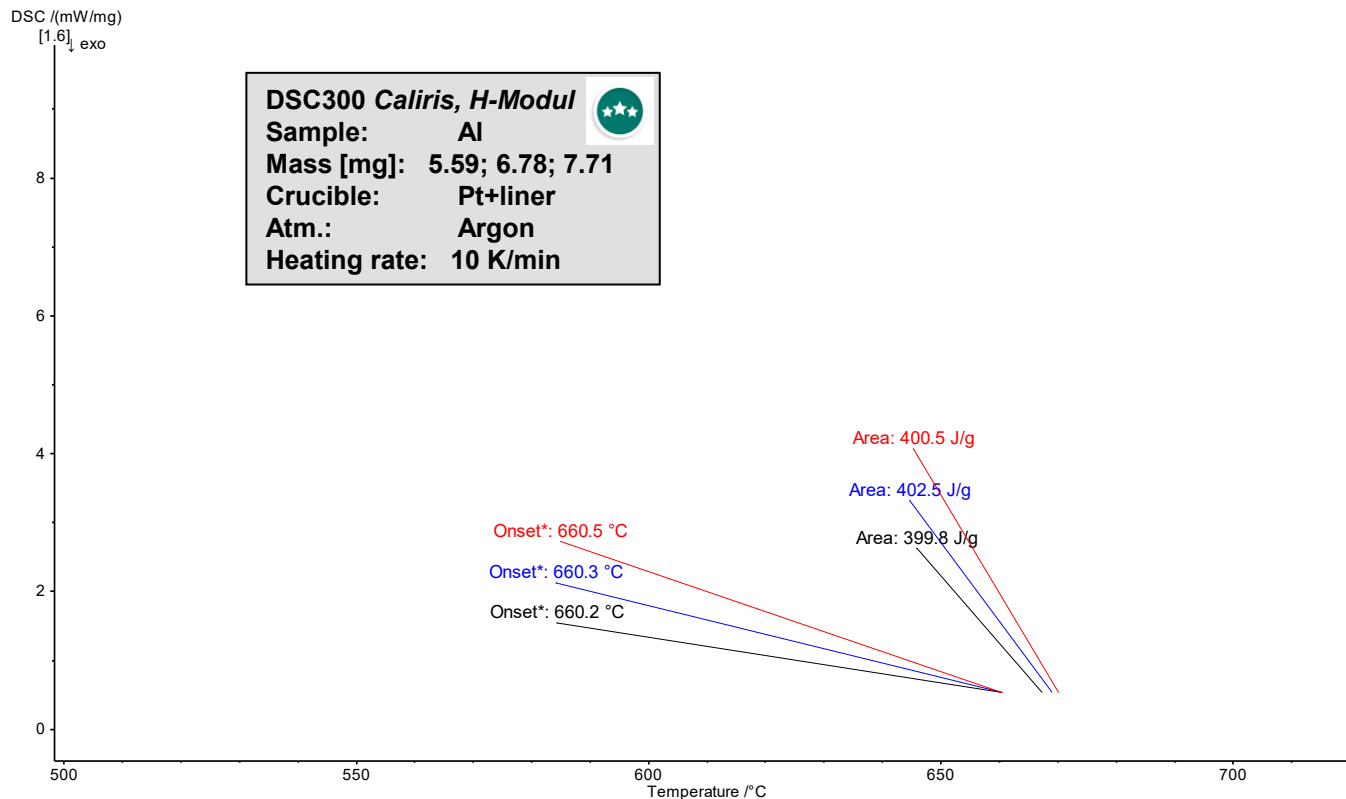
H-Module

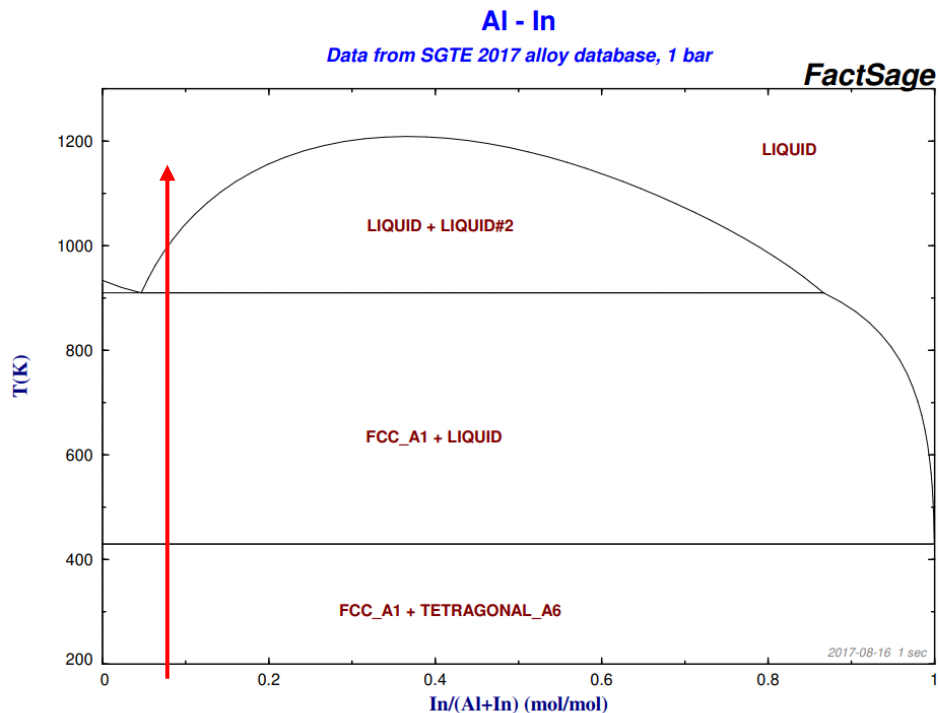


The High-Performance Module

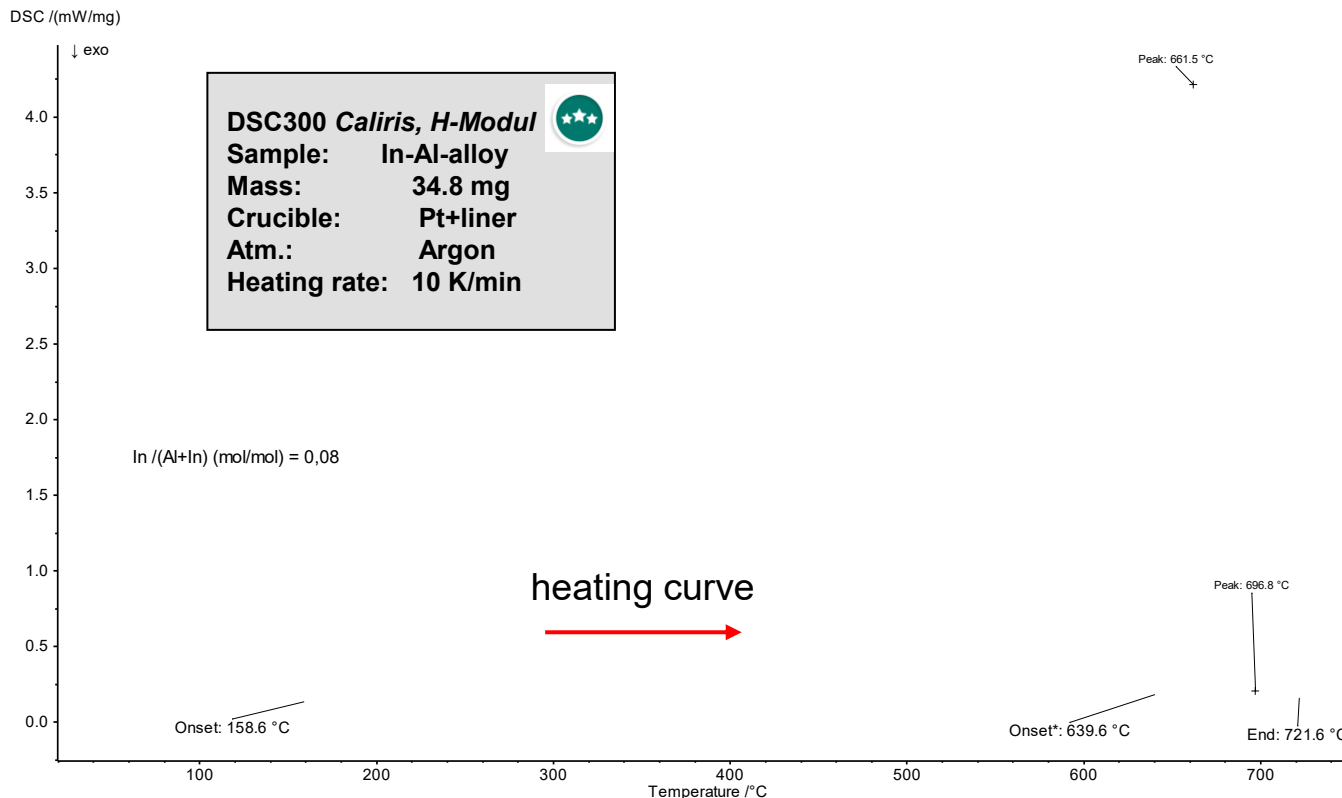
-180 °C to 750 °C

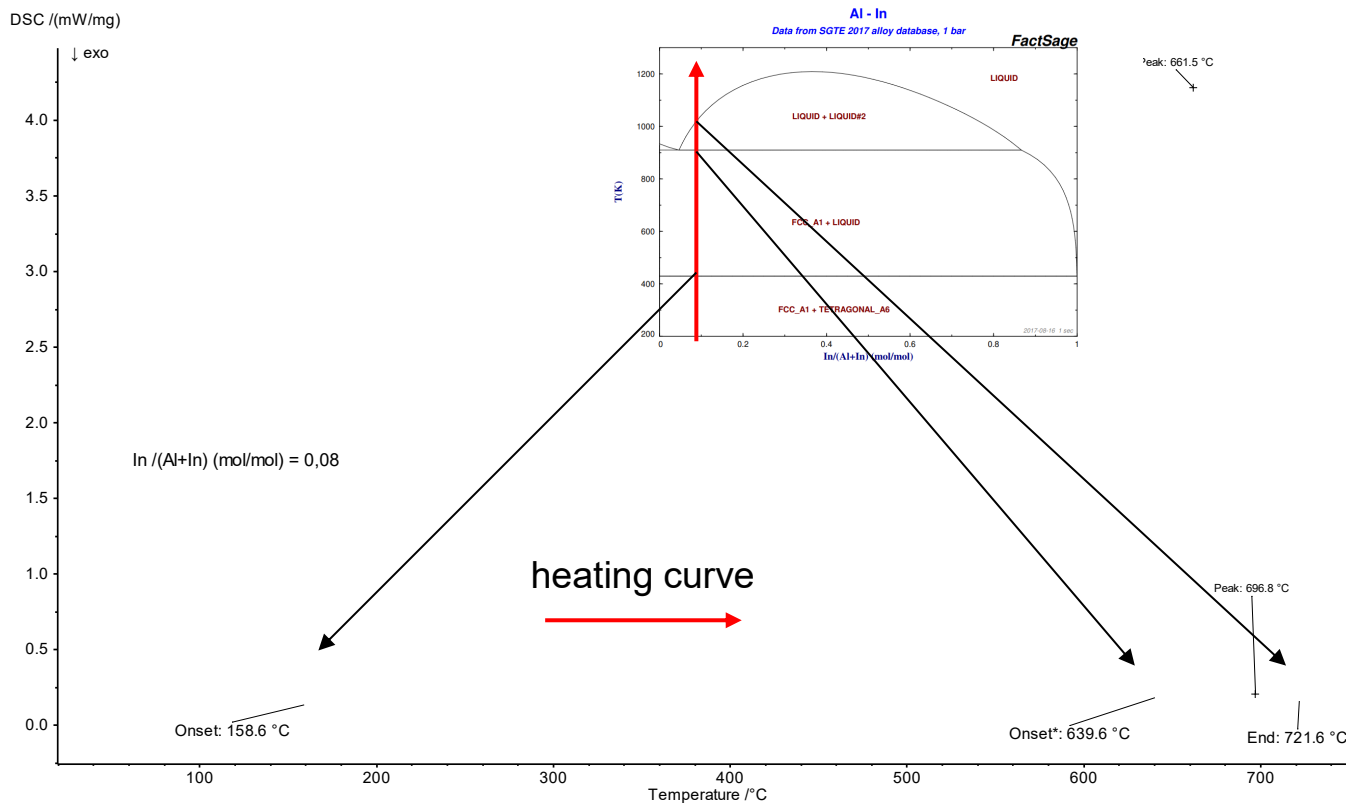


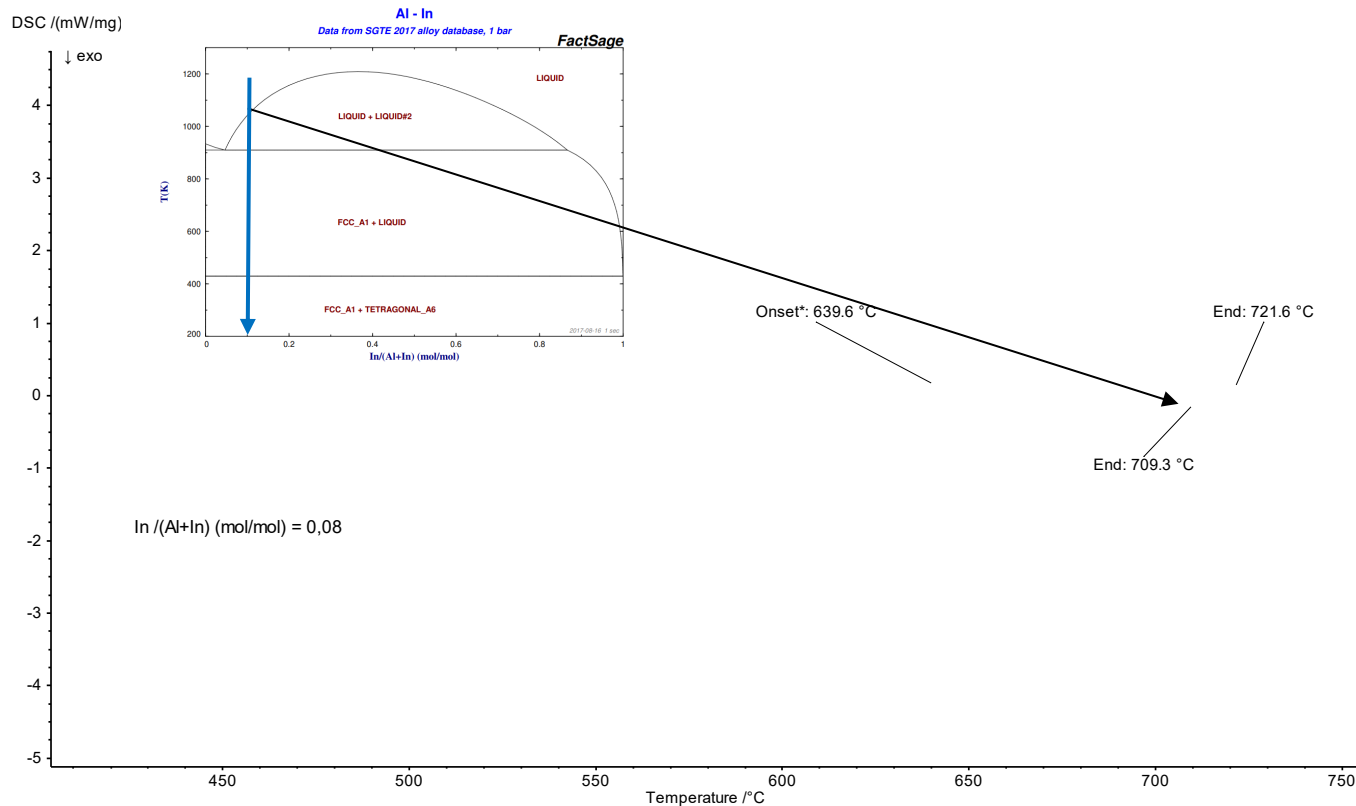




<https://www.sgte.net/en/sgte-solution-database-sgsol>







DSC /(mW/mg)

[2,2]

exo

4

Onset: 159.6 °C

Onset: 158.3 °C

Onset: 158.1 °C

Onset: 158.6 °C

2

0

-2

-4

In /(Al+In) (mol/mol) = 0,11

In /(Al+In) (mol/mol) = 0,10

In /(Al+In) (mol/mol) = 0,09

In /(Al+In) (mol/mol) = 0,08

100

200

300

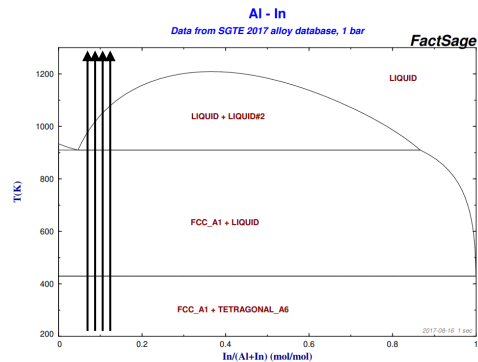
400

500

600

700

Temperature /°C



Onset*: 639.6 °C

Onset*: 639.7 °C

Onset*: 639.6 °C

Onset: 639.6 °C

End: 739.7 °C

End: 734.4 °C

End: 724.7 °C

End: 709.3 °C

Study of Phase Diagrams

DSC /(mW/mg)

[4.2]
0.2 ↓ exo

0.0

-0.2

-0.4

-0.6

-0.8

In /(Al+In) (mol/mol) = 0,11

In /(Al+In) (mol/mol) = 0,10

In /(Al+In) (mol/mol) = 0,09

In /(Al+In) (mol/mol) = 0,08

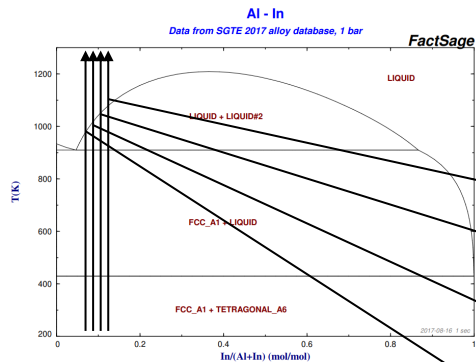
550

600

650
Temperature /°C

700

750



End: 739.7 °C

End: 734.4 °C

End: 724.7 °C

End: 709.3 °C

By the way we can go to max. 2000 (2800) °C



You can rely on NETZSCH.

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Thank you for your attention !