

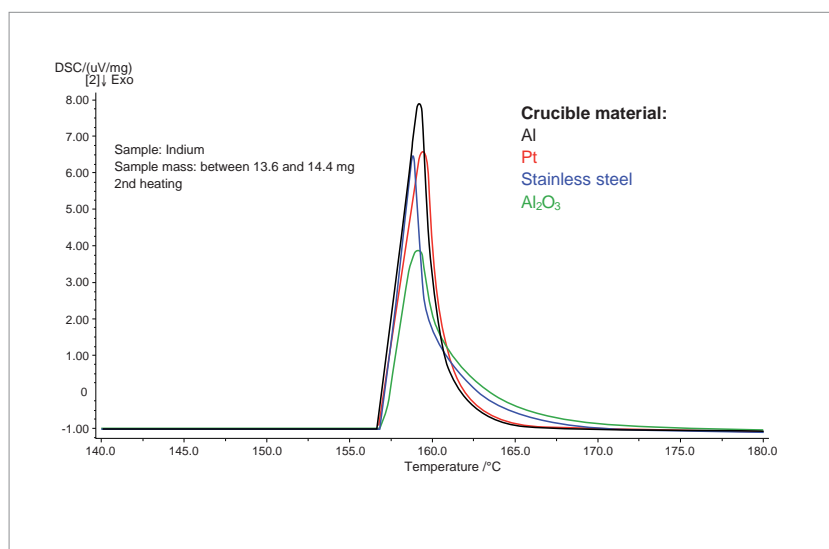
APPLICATION SHEET

STA/DSC Accessories – Crucible Variety

Crucible Selection



DSC and TGA-DSC crucible variety, see also *Accessories for Differential Scanning Calorimetry and Thermobalances*



Indium measurements in different crucible materials

DSC and STA (TGA-DSC/DTA) measurements are strongly influenced by the crucible material. The measurements shown here of indium in Al, Pt, stainless steel and Al_2O_3 crucibles clearly demonstrate that both the thermal conductivity and the mass of the crucible have an effect on

the DSC and DTA peak shape. The calibration procedures take these effects into consideration and eliminate the influence of the crucible material on the measurement results.