Differential Scanning Calorimetry

Use: Thermal analysis, heat flow, determination of melt temp, crystallization temp and glass transition temp

Materials: Polymers, Cements, liquids, biological samples

Features/specs:

 $T_{\mathbf{g}}$

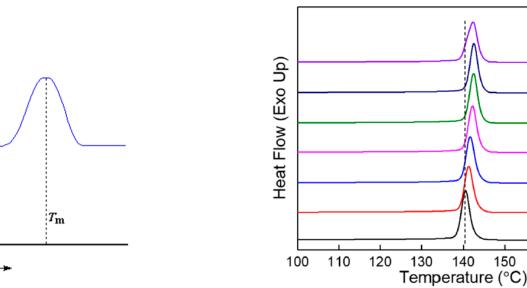
heat

flow

temperature range -90-550°C with use of RCS90 chiller all tests ran under nitrogen system Tzero heat flow and standard heat flow modes Can run modulated DSC (MDSC)

 T_{c}

temperature —





TOCNF

5 wt%

4 wt%

3 wt%

2 wt%

1 wt%

0.5 wt%

0 wt%

180

170

150

160

ERDC-GSL-CMB Polymer Team