



Thermal Analysis of Polymers

DIFFERENTIAL SCANNING CALORIMETRY (DSC)

KEY WORDS

THERMAL
PROPERTIES,
CALORIMETRY,
CRYSTALLINITY

DESCRIPTION

Differential Scanning Calorimetry (DSC) is a thermoanalytical technique used to measure the thermal properties of materials, such as their behavior under temperature changes. It is primarily used to investigate phase transitions, thermal stability, and the energy involved in the physical or chemical processes of a sample.

AVAILABLE TECHNIQUES AND/OR EQUIPMENT

- Differential Scanning Calorimetry

APPLICATIONS

- Polymer characterization
- Polymer mixture analysis
- Measurement of thermal properties of polymers
- Crystallinity determination

CONTACT US

raquel.martini@unc.edu.ar

[Universidad Nacional
deCórdoba](#)