

Glass temperature determination of polystyrene under pressure

- Sample : polystyrene
- High pressure vessel (HP- μ DSC)
- Mass : 100 mg
- Scanning rate : 1.5K/min
- Pressure of methane : from 1 bar to 230 bar
- Tg temperature of polystyrene decreases when methane pressure is increased. There is a decrease of about 30°C when the pressure is increased from 1 bar to 230 bar.

