



Molecular Analysis

MOLECULAR WEIGHTS AND MW DISTRIBUTION OF POLYMERS

KEY WORDS

CHROMATOGRAPHY,
MOLECULAR WEIGHT,
MOLECULAR WEIGHT
DISTRIBUTION

DESCRIPTION

Gel Permeation Chromatography (GPC), High Temperature Gel Permeation Chromatography (HT-GPC) and Osmometry are different analytical techniques for the characterization of a wide variety of polymers or other macromolecules in a mixture.

AVAILABLE TECHNIQUES AND/OR EQUIPMENT

Chromatograph (HPLC Pump, Refractive Index Detector, UV/visible)
Chromatograph (HT-GPC)
Osmometer

APPLICATIONS

Molecular weight and molecular weight distribution of macromolecules
Sample purity determination
Quality assurance and control

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