

# Number-average molecular weights - fundamentals and determination

## Interscience Publishers - Number Average Molecular Weight

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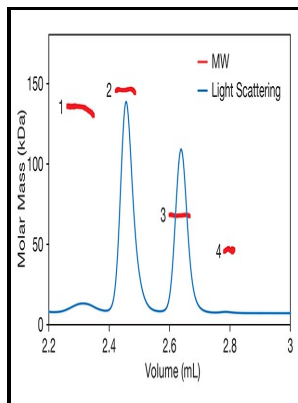
weights - fundamentals and determination

-Number-average molecular weights - fundamentals and

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Notes: Includes bibliography.

This edition was published in 1958



Filesize: 5.57 MB

Tags: #Number #Average #Molecular  
#Weight #Example

**Number**

This can be done by using a simple photometer as shown in figure below. Eventually, as is shown in the diagram at the right, the strength levels off. How to Calculate Molecular Weight of Polymer? Of secondary techniques, gel permeation chromatography GPC also known as high pressure liquid chromatography, HPLC is the most versatile and useful technique.

### 2.2: Molecular Weight Determination

K is a distribution coefficient related to the size and types of the molecules.

### Number Average Molecular Weight Example

The polymer—solvent interaction parameter can be determined from equilibrium swelling measurements Bahar et al. It is an attractive polymer due to its potential as electronic materials.

**Number**

Molecular Weight Simpler pure compounds contain the same molecular composition for the same species.

### 2.2: Molecular Weight Determination

Adapted from Summary Properties of polymers depend on their molecular weight. The wetting of a fiber with a liquid resin can be judged by the difference between the surface energies of the fiber and the resin.

### 2.2: Molecular Weight Determination

Polymer Engineering and Science 1966, 6 4 , 359-362.

### **Determination of Molecular Weight**

They are, however, tougher than conventional waxes and also show very good water and chemical resistance.

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