

MICROENCAPSULATION

5th year students/ 1st semester

MICROENCAPSULATION P.412-413



**Definition of
microencapsulation**

**Meanings of
Microencapsulation**

**Applications of
microencapsulation**

FUNDAMENTAL CONSIDERATIONS P.414

**Core material
P.414**

**Coating materials
P.415**

- Properties
- Classification

**Selected stability,
release and other
properties
P.416-417**

METHODOLOGY P.419




Air suspension P.419



Coascervation /Phase separation P.420-424

(Temp. change, Incomptible polymer addition, Nonsolent addition, Salt addition
Polymer-polymer interaction)



Multiorifice centrifugation	P.425
Pan coating	p.426
Spray drying and congealing	p.426
Solvent evaporation	P.427
Interfacial polymerization	P.427



**Thank You
For Listening
Any
Questions?**