

Abstract for the seminar at NTU on 11th May

Title : Characteristics and Industrial Applications of Polymerization Reactors

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The aim of this seminar is to explain about characteristics and applications of polymerization reactor, based on the industrial design and development experiences more than 2000 actual reactors. Topics and keywords are itemized below;

1. Functional Design Point in Polymerization Reactor
2. Typical Polymerization Reactor (Conventional Design)
3. Development of New Mixing Impeller
4. Example of Process Intensification by new technology
 - A) Solution Polymerization
 - B) Suspension Polymerization
 - C) Emulsion Polymerization
 - D) Hydrogenation