NPTEL Video Course - Chemical Engineering - NOC:Polymer Reaction Engineering

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Co-ordinating Institute - IIT - Roorkee

Sub-Titles - Available / Unavailable | MP3 Audio Lectures - Available / Unavailable

Lecture 30 - Step Growth Polymerization - III
Lecture 31 - Step Growth Polymerization - IV
Lecture 32 - Radical Chain Polymerization Introduction
Lecture 33 - Radical Chain Polymerization Comparison with Ionic Chain Polymerization
Lecture 34 - Radical Chain Polymerization Mode of Propagation
Lecture 35 - Radical Chain Polymerization Rate of Polymerization
Lecture 36 - Radical Chain Polymerization Rate Expression
Lecture 37 - Radical Chain Polymerization Process Analysis - I
Lecture 38 - Radical Chain Polymerization Process Analysis - II
Lecture 39 - Radical Chain Polymerization Half-life, Propagation and Termination - I
Lecture 40 - Radical Chain Polymerization Half-life, Propagation and Termination - II
Lecture 41 - Radical Chain Polymerization Redox Initiation
Lecture 42 - Radical Chain Polymerization Photochemical and Ionization Initiation
Lecture 43 - Radical Chain Polymerization Other Initiation Techniques - I
Lecture 44 - Radical Chain Polymerization Other Initiation Techniques - II
Lecture 45 - Heterogeneous Polymerization Introduction - I
Lecture 46 - Heterogeneous Polymerization Introduction - II
Lecture 47 - Population Balance Modeling Other Techniques - I
Lecture 48 - Population Balance Modeling Other Techniques - II
Lecture 49 - Emulsion Polymerization Batch Polymerization
Lecture 50 - Emulsion Polymerization Semi-continuous polymerization
Lecture 51 - Emulsion Polymerization Nucleation, Morphology and Reactor Types - I
Lecture 52 - Emulsion Polymerization Nucleation, Morphology and Reactor Types - II
Lecture 53 - Emulsion Polymerization PSD and Implementation of the Process - I
Lecture 54 - Emulsion Polymerization PSD and Implementation of the Process - II
Lecture 55 - Living and dormant Polymerization
Lecture 56 - Ionic Polymerization - I
Lecture 57 - Ionic Polymerization - II
Lecture 58 - Ionic Polymerization - III
Lecture 59 - Ionic Polymerization - IV
Lecture 60 - Ionic Polymerization - V