

1. Record Nr.	UNINA9910673600703321
Titolo	Platelets: receptors, adhesion, secretion / edited by Jacek J. Hawiger
Pubbl/distr/stampa	San Diego [etc.] , : Academic Press, 1992
ISBN	0121821161
Descrizione fisica	v. ; 24 cm
Collana	Methods in Enzymology
Disciplina	573.159
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Collocazione	BSF-MET.ENZ.-1 (215
Lingua di pubblicazione	Inglese
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2. Record Nr.	UNINA9910788812003321
Autore	Allemeersch Paul
Titolo	Polymerisation of ethylene : in slurry loop reactors // Paul Allemeersch
Pubbl/distr/stampa	Berlin ; ; Boston : , : Walter de Gruyter GmbH & Co., KG, , [2015] ©2015
ISBN	1-68015-767-1 3-11-038886-3 3-11-029219-X
Descrizione fisica	1 online resource (206 p.)
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Soggetti	Polyethylene Ethylene Polymers
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Nota di bibliografia

Includes bibliographical references and index.

Nota di contenuto

Front matter -- Preface -- Contents -- 1. Introduction to the Slurry Loop Process -- 2. The Loop Reactor Circulation Pump Power -- 3. The Functioning of the Settling Legs -- 4. The Settling of the Polymer in the Settling Legs -- 5. Catalyst Activity and Productivity -- 6. The 1/1 Hypothesis -- 7. Catalyst Residence Time Distribution -- 8. Catalyst Activity Profiles from Full Scale Loop Data -- 9. Conversions of the Reactants -- 10. The Ethylene Concentration Profile in the Loop Reactor -- 11. A Simple Model for the Slurry Loop Reactor -- 12. Establishing Correlations from Loop Reactor Data by Linear Regression -- 13. Scaling-Up from Bench Reactor to Loop Reactor -- 14. The Operation of Two Loop Reactors in Series -- Index

Sommario/riassunto

This book presents all information necessary to understand the functioning of a slurry loop reactor for the polymerisation of ethylene into high density polyethylene, and to operate it accordingly. All discussions are based on experimental data from the operation of full scale commercial loop reactors. Methods for off-line modelling and scaling-up from lab to full scale are included, as well as the answers to important questions on the running of two loop reactors in series. Building knowledge from full scale industrial experience. This highly accessible book makes one understand the functioning of slurry loop reactors for the polymerisation of ethylene, and how to operate them. Its methods include off-line modelling, scaling-up and running reactors in series. It is inspiring for all production and process engineers, showing, for the first time, how with full scale reactor data the link is made between firm basic theory and the most practical operating guidelines.

3. Record Nr.	UNIORUON00043755
Titolo	Information Bulletin / Public Information and Cultural Affairs Bureau, Ministry of Foreign Affairs
Pubbl/distr/stampa	Mensile
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Descrizione fisica	Descrizione basata su: vol 11 (1964) n. 1
Classificazione	J BONO
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