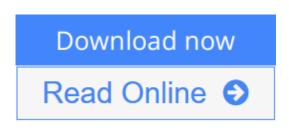


Handbook of Antiblocking, Release, and Slip Additives, Second Edition

By George Wypych



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This handbook, now in its second edition, is the only comprehensive reference available on the subject of antiblocking, release, and slip additives, which are of high industrial importance. These additives are used to alter the properties and performance of polymers, and improve the efficiency and cost of processing methods. These characteristics make additives an important topic across the spectrum of industry sectors that employ plastics and polymers.

Topics covered include: Types and concentrations, Effect on polymer and/or other additives, and Typical formulations. Information on use of additives in various products is divided into the following sections: Types and concentrations, Reasons for use, Advantages and disadvantages of additive use, Effect on product properties, and Examples of formulations. Processing methods are discussed using the following breakdown: Types and concentrations, Effect on process, Effect on product properties, Advantages and disadvantages of additive use, Examples of formulations. A complete analysis of literature and patents available from the first use of these additives until now is included in the book.

Wypych considers all essential aspects of chemistry, physical properties, influence on properties of final products, formulations, methods of incorporation, analysis, and effects on health and environment. The book comprises 18 chapters, each addressing specific aspect of properties and applications of antiblocking, release, and slip agents.

* The only available reference on antiblocking, slip, and release additives

* A comprehensive information source, with numerous references provided as a starting point for further investigation

* Evaluation of additives that can help speed up processes, improve product quality, and reduce waste

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Editorial Review

From the Inside Flap

The **Handbook of Antiblocking, Release, and Slip Additives** considers all essential aspects of the chemistry, physical properties, influence on properties of final products, formulations, methods of incorporation, analysis, and effects on health and environment of a large number of commercial additives derived from a core of 18 chemical families. The book contains 18 chapters, each addressing a specific aspect of properties and applications of antiblocking, release, and slip agents. This unique, comprehensive work is a valuable source of information for professionals in industry, research, academia, and government.

About the Author

George Wypych has a Ph.D. in chemical engineering. His professional expertise includes both university teaching (full professor) and research and development. He has published 18 books, 47 scientific papers, and he has obtained 16 patents. He specializes in polymer additives, polymer processing and formulation, material durability and the development of sealants and coatings.

Users Review

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