

Silicone Surface Science

Silicone Surface Science offers a survey of the major topics concerning the properties and behavior of silicone surfaces. It covers all main aspects of the subject, including: polydimethylsiloxane, spread monolayers, self-assembled monolayers, hydrophobicity and super-hydrophobicity, coupling agents, surfactants, fluorosilicones, surface treatments and surface analysis.

This book brings together the field's leading experts who investigated both fundamental and applied aspects of silicone surface science and technology, and introduces the reader to the origins and historical development of silicone surfaces as well as to their most significant current key features.

Silicone Surface Science is an invaluable guide and indispensable reference source for all those interested in this important area of polymer and materials science and technology, from graduate students to experienced scientists alike.

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