

## "Interface Design using Block Copolymers"



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Block Copolymers consist of at least two chemically different building blocks arranged in a sequential manner. Due to this architecture, such materials are perfectly suited to arrange (or be arranged) at interfaces - e.g. the surface of metal nanoparticles, membrane pores, or the boundary of two adjacent (polymer) domains. With this, interface and/or surface functionality, charge, and charge density can be easily adjusted.