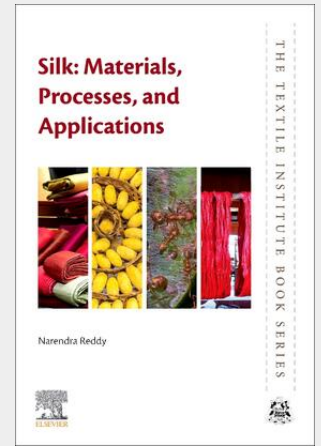


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Silk: Materials, Processes, and Applications

Silk: Materials, Processes, and Applications addresses the latest research on the structure and properties of silk fibers, properties of silk-based materials, and cutting edge-related industrial practices. It pays particular attention to mulberry silk, but unconventional silks such as spider silk and marine silk fibers are also covered. Although silk is one of the oldest known fibers, new research continues to shed light on its properties, leading it to be applied in new contexts particularly in the medical field, and new non-textile areas. In addition to structural and mechanical qualities, this book also includes a great deal of new research on the chemical modifications of silk fibers, and other processing methods. With a focus on practical methodologies, this is the most readable and readily applicable book on silk so far, making it a perfect guide for readers with a range of backgrounds.



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