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SATIN SILK

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Silk is considered as one of the finest and delicate natural fibres which for the construction of textile products with elegant look, lustrous appearance, supreme drape, and elegant drapability. However, silk is sensitive for various chemicals as that it could be easily damaged. Hence, it is essential that should be prepared so as to maintain the necessary characteristics in the end use products. In this context, as the research work done on auxiliary silk fabric was done which was further processed with heat treatments and treated with polycaprolactone and chitosan and then dyed with some selected natural and reactive dye. The treated and dyed silk fabric was then subjected to different testing parameters such as measuring physical properties. At various moisture percentages, absorbance characteristics, anticorrosive behavior, and UVB radiation. The results obtained from this study confirm the suitability for the conventional garments/garments and new products including the medical textiles.