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Bilk is considered as one of the finest and delicate natural fibers suitable for the construction of textile products with elegant look, lustone appearance, googeous glaze, and obgant drapness likewise with rich quality. However, silk is sensitive for versious chemicals so that it could be easily damaged. Hence, it is evident that all should be producted so as to accommodate the necessary characteristics in the end use product. In this commodate the necessary characteristics in the end use product. In this commodate the receased processed with hastic treatments and treated with polyected and continuous contin









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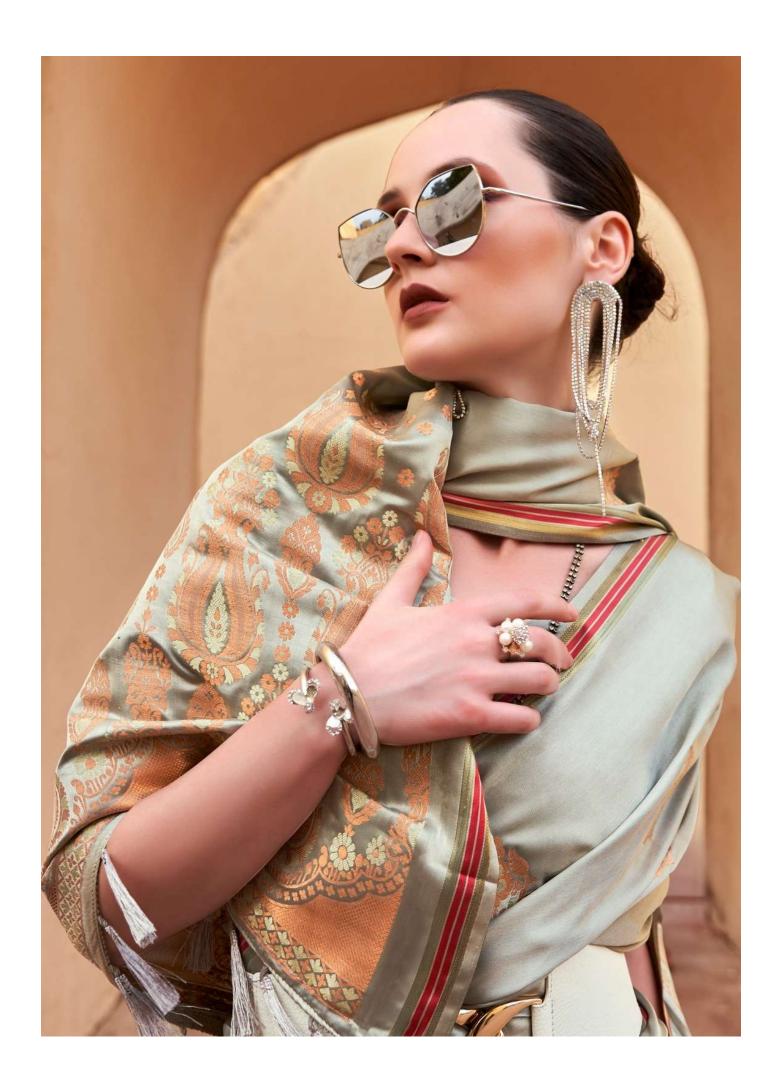








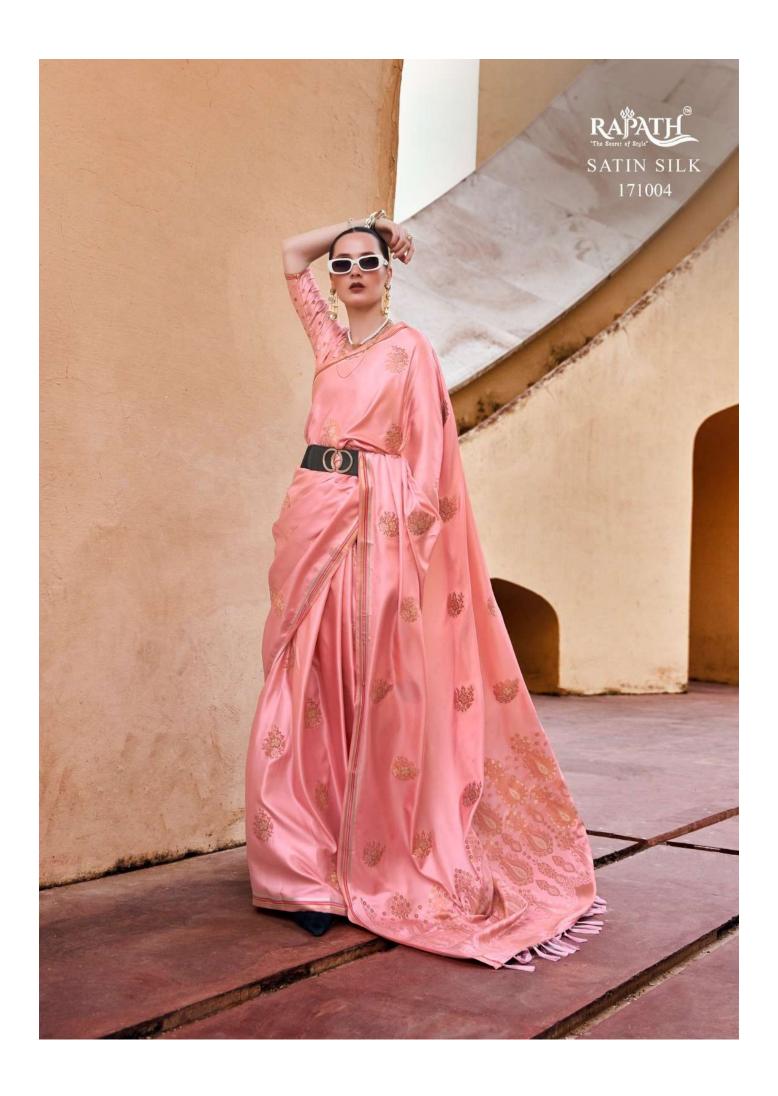
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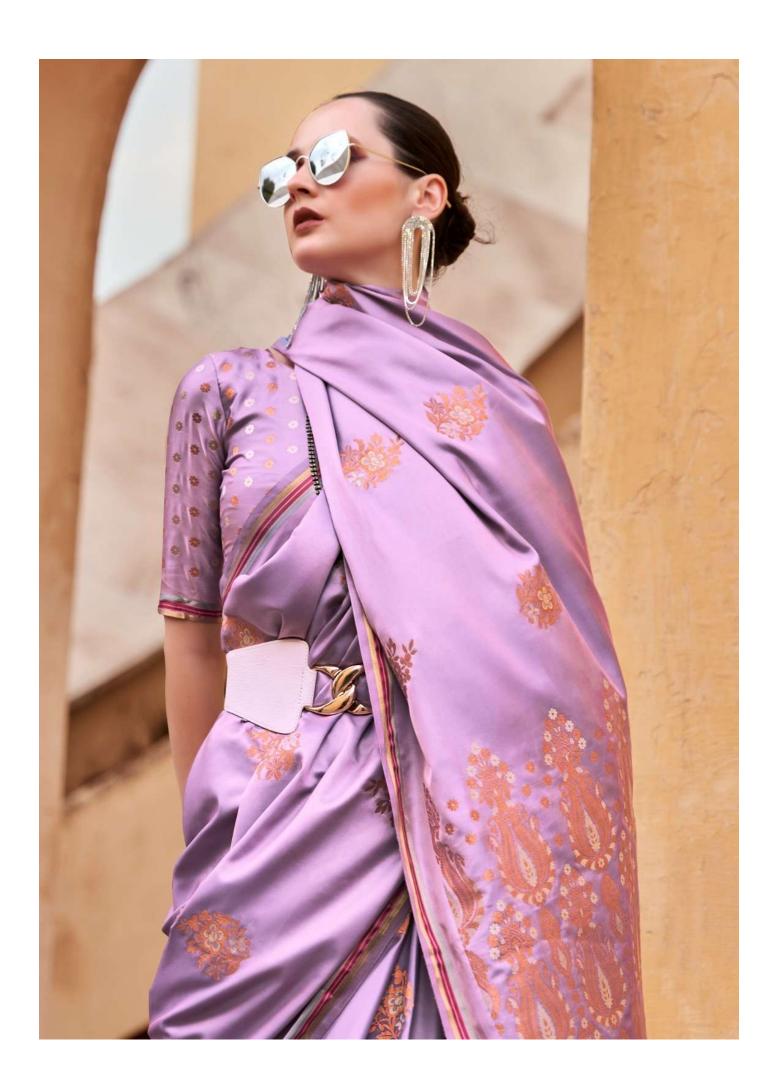






















Silk is considered as one of the finest and delicate natural fibers suitable for the construction of textile products with elegant look, lustrous appearance, gorgeous glaze, and elegant drapeness likewise with rich quality. However, silk is sensitive for various chemicals so that it could be easily damaged. Hence, it is evident that silk should be protected so as to accommodate the necessary characteristics in the end use products. In this context, in this research work plain woven mulberry silk fabric was chosen which was further processed with basic treatments and treated with polyacrylic acid and chitosan and then dyed with some selected natural sources and reactive dye. The treated and dyed silk fabrics were then subjected for different testing parameters such as measuring physical properties. K/S values, fastness properties, absorboncy characteristics, antiodor behavior, SEM, and XRD analysis. The results obtained from this study convince the suitability for the conventional garment/apparel end-use products including the medical textiles.



