

RAJPATHTM
"The Secret of Style"

tathastu





RAPATH[®]
"The Secret of Style"

SATIN SILK

Silk is considered as one of the finest and delicate natural fibres suitable for the manufacture of textile products with elegant look. Intrinsic properties, superior glow, and elegant fragrance imparted with such superior texture, silk is considered for various decorative use that is used by world famous. Hence, it is advised that silk should be purchased as an investment for aesthetic measurements as the end use products. In this context, in this saree with plain saree fabric, it will fabric was chosen which was further processed with heavy treatments and treated with poly-luxure and seal treatment and then dried with some selected natural incense and essential oils. The treated and dyed silk fabric was then subjected for different finishing processes such as washing and chemical processes. All natural, durable properties, smooth texture, softness, elasticity, luster, GSM, and GSM values. The saree draped from this silk can be considered the best choice for the traditional garments and the new products including the medical fabrics.

















RAJPATH
The Spirit of Style

SATIN SILK

Silk is considered as one of the finest and delicate natural fibres available for the construction of textile products with elegant look, lustre, softness, moisture retention, and elegant drapability. However, silk is sensitive to various chemicals as that it could be easily damaged. Hence, it is evident that silk should be protected to so to accommodate the necessary characteristics in the end use product. In this context, in this research work, green natural dyes are used to dye silk fabric which was further processed with laser treatment and treated with argon plasma and titanium and then dyed with some selected natural dyes and mordants. The treated and dyed silk fabric were then subjected for different testing parameters such as mechanical properties, UV radiation, moisture properties, absorbance characteristics, stability to light, pH and SDS solution. The results obtained from this study confirm the suitability of the conventional green-synthesized and new products including the mordant solution.







RAJATHTM
"The Secret of Style"

SATIN SILK

171003



RAJATHTM
"The Secret of Style"

SATIN SILK

171004



RAPATH[®]
"The Secret of Style"

SATIN SILK

171005



RAJATH[®]
"The Secret of Style"

SATIN SILK

171006





171001



171002



171003



171004



171005



171006

RAJPATHTM
"The Secret of Style"

SATIN SILK

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, absorbency characteristics, anti-odor 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.

RAJPATHTM
"The Secret of Style"

tathastu

RAJATHTM
"The Secret of Style"

SATIN SILK

171001



RAJATH[®]
"The Secret of Style"

SATIN SILK

171002

