

Application of oak tasar waste silk and viscose blended fabrics for apparel purpose

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■ **ABSTRACT** : Application of oak tasar waste silk and viscose blended fabrics for apparel purpose has been studied. Oak tasar silk waste was blended with viscose fibre in three different ratios, viz., 60s: 40v, 50s: 50v and 40s: 60v on worsted spinning system. Knitted fabric samples were then prepared on circular knitting machine. Properties of resultant yarn and knitted fabric were evaluated. The developed blended fabrics were subjectively analyzed for their end use applications for women's wear, men's wear, children wear and home textiles. It was found that, in case of women's apparel, the respondents preferred fabric samples S_1 and S_2 for making shrugs and fabric samples S_3 and S_4 were preferred for making ponchos. When talking about men's apparel, fabric sample S_1 , S_2 , S_3 and S_4 followed same trend of rating. First rating was given to mufflers. In case of children wear, caps were mostly preferred by respondents for fabric S_1 , S_2 and S_3 whereas sweater was mostly preferred for fabric sample S_4 . As far as the use of developed blended fabrics for home textiles was concerned, first rank for fabrics S_1 , S_2 and S_3 was obtained by bed sheets and pillow covers and fabric S_4 obtained first rank for making quilt covers.

■ **KEY WORDS**: Oak tasar waste, Ranking, End use, Blended fabrics

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