

**OPTIMIZING PRINTING CONDITIONS ON MULBERRY SILK/WOOL BLENDED  
FABRIC WITH VINYL SULPHONE REACTIVE DYES (REACTIVE ORANGE 7 DYE,  
REACTIVE ORANGE 12 DYE)**

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**ABSTRACT**

The present study was conducted to investigate the conceivable outcomes of printing mulberry silk/wool blended fabric with vinyl sulphone reactive dyes. Sodium alginate concentration, steaming time and steaming temperature were optimized for the printing. Samples were assessed for CIE L\*a\*b\* values and K/S value before and after washing and percent fixation was additionally recorded. Printed samples were also assessed for colour fastness to various agencies.

**KEYWORDS:** Blend, Printing, Reactive Orange 7 Dye, Reactive Orange 12 Dye, Silk, Vinyl Sulphone Dyes, Wool