

Scientific Evaluation of Some Aesthetical Properties for Women's Head Covering Scarves Fabrics

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Abstract:

Women's head covering scarf fabric plays an important role in women's life as it is an integral part of her appearance, and it needs to have aesthetical properties as well as the physiological comfort properties, where a large category of women living in Egypt, the Arab countries and North Africa wear a headscarf for social, religious or preventive reasons and sometimes for other reasons such as adornment. Therefore, it was necessary to find a relationship between the available aesthetical properties and the functional performance that should be distinguished. In this study we will be identifying the concept of aesthetical properties from different points of view and how to evaluate them by scientific objective methods. Most studies and researches on the aesthetic properties of fabrics are not dependent to objective scientific evaluation, but often dependent on subjective measurements (such as hand-touch, eye examination or pressure on the fabric) that lack accuracy and credibility of the results.

However, when evaluating aesthetical properties in an accurate scientific manner, based on a set of objective measurements (textile tests) that can be used as a measurable scientific concept, aesthetic requirements can be determined rather than subjective measurements. The study focuses on evaluating some aesthetical properties of the head coverings fabrics using objective scientific criteria rather than subjective evaluation. Also, the sample was carried out by using viscose /cotton/polyester microfibers/ spun polyester .16 samples were manufactured and tested.

Key words:

Head Coverings – Aesthetical Properties – Objective Scientific tests - Subjective Evaluation.