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MANUFACTURE OF MATERIALS RESEMBLING CREPE

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Our present invention relates to the manufacture of materials resembling crepe.

One of its objects is a process of producing material resembling crepe. Another object is the materials resembling crepe. Further objects will be seen from the detailed specification following hereafter.

In the manufacture of crepe fabrics there have hitherto been used very highly twisted yarns of 2000 and more turns per meter. These highly twisted threads are made only on special machines and their production is a lengthy process; thus the price of such crepe yarns is relatively high.

This invention is based on the observation that materials having a finish resembling crepe may be made by making a web or other fabric of normally twisted, or, indeed, untwisted, resin threads and heating the web, wet or dry, to a temperature above the softening point of the artificial resin used. Preferably, artificial resin threads or ribbons are used which have been produced by the stretch spinning process or have been subjected to strong stretching after the spinning operation. It is not necessary that every warp or woof thread of the fabric should consist of artificial resin; it suffices if individual threads of resin are repeated at certain distances apart, the remaining threads of the fabric being of any desired material. In order to obtain special effects it is also possible to spin the artificial resin threads with the threads of another material as a preliminary operation and to weave or otherwise work into a fabric this mixed yarn.

For example, artificial threads of 120 denier, produced from polyvinylchloride spun while strongly stretching the freshly precipitated threads are twisted with cellulose acetate threads of 120 denier and this mixed yarn is woven under the usual conditions on an acetate silk loom. The finished fabric, which scarcely differs from normal goods, is immersed in a water-bath and gradually heated therein to about 75-80° C. The material shrinks during this operation by about 30-40 per cent in width and there is obtained a

fabric of pronounced crepe character, which is very suitable for the manufacture of upholstery, wall coverings and the like.

What we claim is:

1. A process of producing crepe-like fabrics, which comprises interweaving threads from artificial resins having at most a moderate twist with threads from another textile material, and heating the resultant fabric to a temperature above the softening point of said artificial resin threads.

2. A process of producing crepe-like fabrics, which comprises interweaving threads from artificial resins having at most a moderate twist, which in the course of their production have been subjected to considerable stretching, with threads from another textile material, and heating the resultant fabric to a temperature above the softening point of said artificial resin threads.

3. A process of producing crepe-like fabrics, which comprises interweaving threads from artificial resins produced according to the stretch-spinning method, said threads having at most a moderate twist with threads from another textile material, and heating the resultant fabric to a temperature above the softening point of said artificial resin threads.

4. A process of producing crepe-like fabrics, which comprises interweaving threads from polyvinyl chloride having at most a moderate twist with threads from another textile material, and heating the resultant fabric to a temperature of from about 75 to about 80° C.

5. A textile fabric resembling crepe, said fabric consisting of interwoven threads of artificial resin having at most a moderate twist and threads of another textile material, said fabric being obtained by a process as claimed in claim 1.

6. A textile fabric resembling crepe, said fabric consisting of interwoven threads from polyvinyl chloride having at most a moderate twist and threads of another textile material, said fabric being obtained by a process as claimed in claim 4.

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