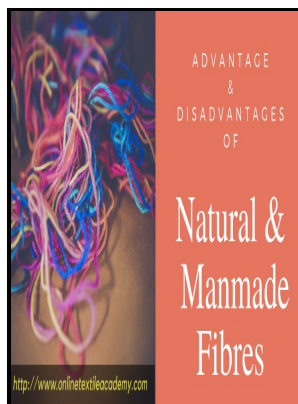


# Man-made fibers - science and technology

Interscience Publishers - Manmade Fibre



Description: -

-Man-made fibers - science and technology

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Polymer engineering and technologyMan-made fibers - science and technology

Notes: Includes bibliographies.

This edition was published in 1967



Filesize: 10.97 MB

Tags: #Classification #of #Man

## Classification of Man

Polyvinyl alcohol is typically used for a wide range of industrial and apparel uses, rope, work clothes, fish nets. Processing Continuous filament process — molten glass drawn into fibers, which are wound mechanically. These linear, moderate-molecular weight polymers can be made into fibers by difference type of spinning.

## Manmade Fibre

Typical shapes include trilobal, square, and cross. Melt spinning is the simplest of these three methods, but it still requires that the polymer constituent be stable above its melting temperature.

## Man Made Fibers Science and Technology Volume I H. F. Mark 1967

The copolymer is heated, extruded at 356° F 180° C , air-cooled, and stretched. Viscose rayon is produced from regenerated cellulose by a wet spinning technique.

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The spinning process can be achieved mainly by three procedures: melt spinning, solution dry-spinning, and solution wet-spinning. Spandex Composition At least 85% by weight segmented polyurethane.

## Manufactured Textile Fibers

This happened to be one more reason why the PSF was run at slow speeds in the industry.

## Man Made Fibers Science and Technology Volume I H. F. Mark 1967

During preparatory processes, natural and added impurities are removed from the textile materials Yarns and fibres. KEY TERMS Fiber —A complex morphological unit with an extremely high ratio of length to diameter typically several hundred to one and a relatively high tenacity.



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