

Download Cotton Science And Technology

Woodhead Publishing Series In Textiles

Cotton is a soft, fluffy staple fiber that grows in a boll, or protective case, around the seeds of the cotton plants of the genus *Gossypium* in the mallow family *Malvaceae*. The fiber is almost pure cellulose. Under natural conditions, the cotton bolls will increase the dispersal of the seeds. The plant is a shrub native to tropical and subtropical regions around the world, including the Americas ... This timeline of clothing and textiles technology covers the events of fiber and flexible woven material worn on the body; including making, modification, usage, and knowledge of tools, machines, techniques, crafts, and systems. NITRA releases 2nd Revised Edition of "Aramid Threads" Textile & Apparel Booklets (TABLEts) series of NITRA provides information in a handy and easily understandable form. Publisher Summary. This chapter focuses on the structure and properties of Shape Memory Polyurethane (SMPU) ionomer. According to the mechanism of shape memory effect, in SMPU, the reversible phase has the melting or glass transition temperature of the soft segments, since the transition temperature is used to hold the temporary deformation.