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Abstract

A digital tampon (20) for feminine hygiene, having a round dome (33) and a recovery tape (24), consists of a blank which is shaped by winding up a length of continuous random fibre web and which is pressed to produce a preform having a fibre core, longitudinal ribs and longitudinal grooves. The longitudinal ribs are pressed weakly to the final shape of the tampon (20; 28). The preform, before being pressed to the final shape of the tampon (20), is shaped as a result of the separate, but simultaneous radial pressing of directly adjacent sectors of its entire circumferential surface to form a longitudinal groove and a longitudinal rib respectively on each sector of the circumferential surface. The longitudinal groove and longitudinal rib assigned to each sector of the circumferential surface (182) are arranged respectively in succession in the same order in the circumferential direction of the preform. The fibre material is pressed radially to a lesser extent in the region of the end (22) provided with the recovery tape (24). The invention also relates to a process and an apparatus for producing the tampon.

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