

**METHOD FOR KNITTING AND FORMING WEFT-
KNITTED FABRIC WITH VARYING THICKNESS
BY FLAT KNITTING MACHINE AND WEFT-
KNITTED FABRIC THEREOF**

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Abstract

The invention provides a method for knitting and forming a weft-knitted fabric with varying thickness by a flat knitting machine and a weft-knitted fabric thereof. The method is implemented in at least one knitting process of the weft-knitted fabric, comprising steps
10 of: driving the flat knitting machine to knit a basic structure by at least one of two needle beds of the flat knitting machine, and controlling the two needle beds on the flat knitting machine to knit a three-dimensional structure connected with the basic structure. A thickness of the three-dimensional structure is greater than a
15 thickness of the basic structure, the three-dimensional structure comprises two surface layer portions and a supporting portion connected with the two surface layer portions and located between the two surface layer portions. A junction between the three-dimensional structure and the basic structure is without the
20 supporting portion.

FIG. 1