

Design and producing blowing mold using Additive manufacturing

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Abstract:

application of additive manufacturing (AM) technologies is becoming established in an increasing number of product development sectors. In this present work the advanced AM techniques was applied to blowing mold design and production. Its aim is to do a comprehensive analysis on what AM is doing for the recent and future perspectives in the field of mold's production. Furthermore, analyses were done on the possible use of Rapid Tooling (RT) techniques based on AM technologies. The aim of this work is to design and preparation blowing mold by polymer AM technique as Fused Deposition Modeling(FDM) for their use and validation in bottle production .

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