

Technological demands to produce glass stereophonic by using 3 dimensional printer

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Introduction;

The way of producing glass stereophonics inside a mold is considered one of the eldest production method that includes machinery production or hand crafted production, many raw materials were used in manufacturing the molds some are wooden some are thermal and others are metallic, but with the fast technological development, the production of glass stereophonics without a mold has become a real fact by technological control through computers CNC where we add the design with all its details and coordinates at space to form glass with cumulative layers by controlling the melting temperature and flexibility to maintain the 3 dimensional design .

From that we could determine the research problem;

The lack of availability of technology that is specialized in glass stereophonics production using 3 dimensional printer.

Research aim;

Identifying the technological demands required to manufacture glass stereophonics with 3 dimensional printer.

Research importance;

Keeping up with the rapid technological development in glass manufacturing, and providing the required information to the glass designer to develop his designs to cope with recent technics.

To realize that we have to study glass production methods with 3 dimensional printer and study the stages of the machine work G3DP. Studying the alternative 3 dimensional designs that are suggested on computer then achieving results through the glass products by G3DP.