

Title: Serial production costs, benefits and mistakes what to avoid in fdm printing.

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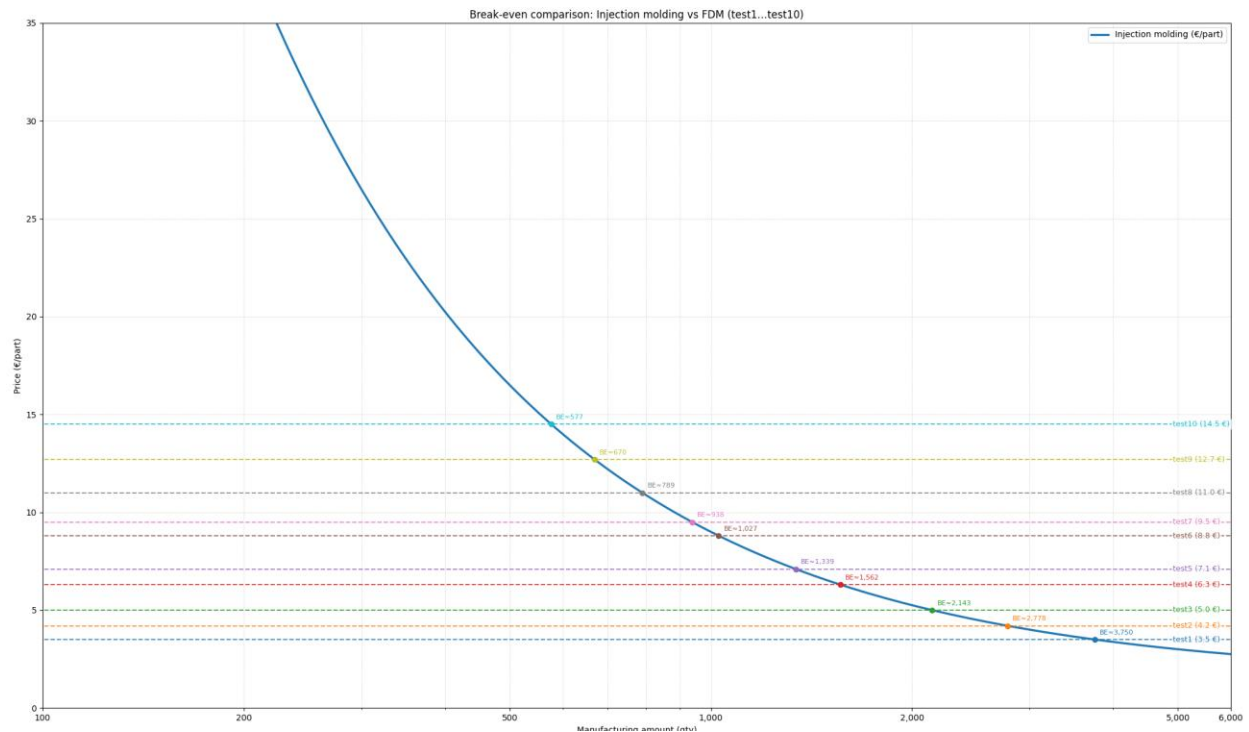


Figure 1 Example plot / price comparison

Abstract

Paper will include information and important points about the serial production with fdm printing. How we in company see the am methods and why we use those in production.

What are the main benefits, logistics, in house manufacturing, lead time and so on. How we evaluate what is good product for am production and what is not in our perspective.

We need to be sure about the quality of the parts. There are few risks depending on manufacturability. What if machines break down, can't buy same material what we are used to use, are we able to repeat same process year to year and design aspects for fast production and less manual handling. Key word: No manual work, prints should be ready to use from printer and repeatability.

Fdm quality issues like visual problems, stringing etc. Are these real problems or just opinion not to use fdm printing. Engineering viewpoints needed...