

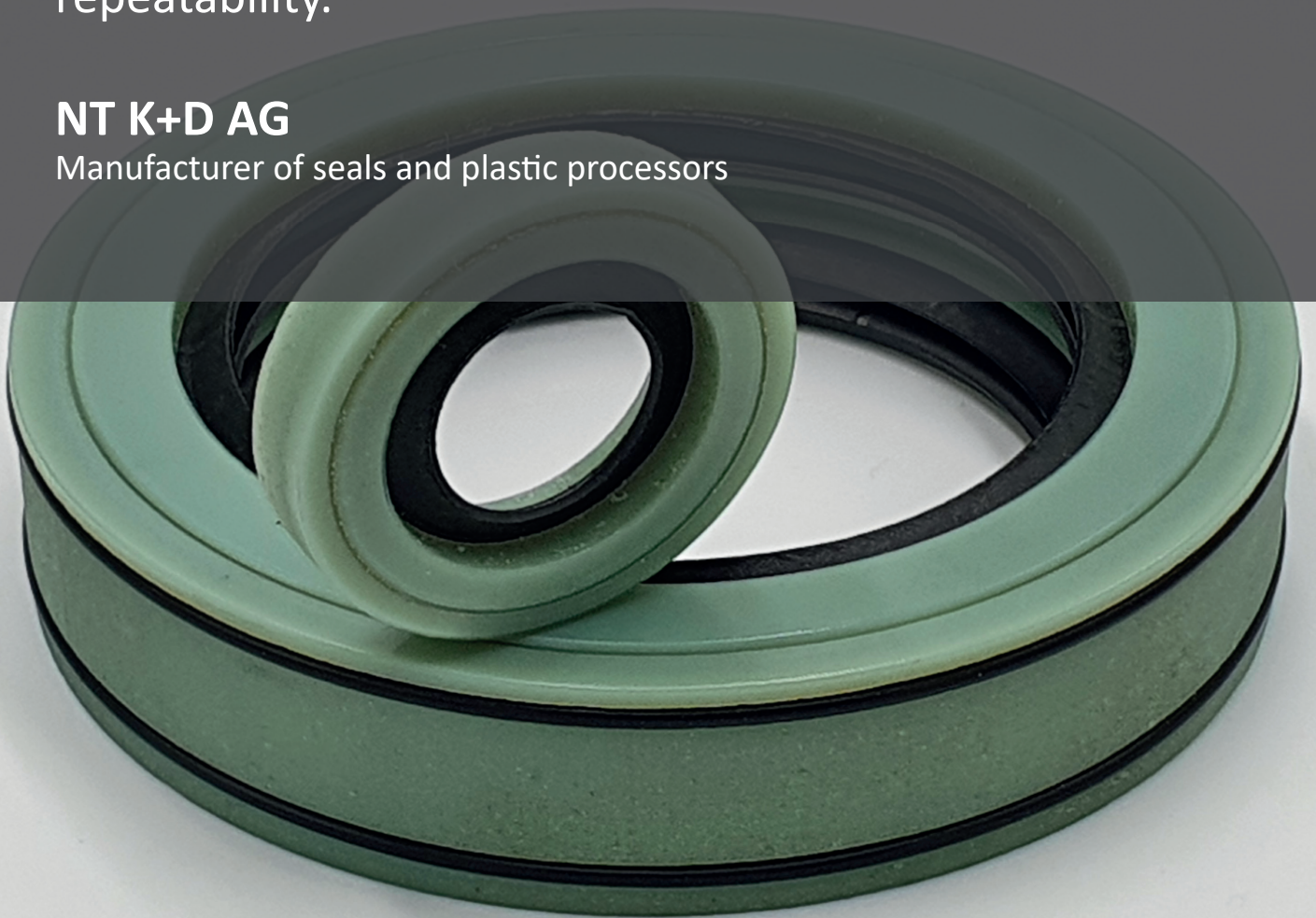
FDM + PolyJet Case Study

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NT K+D AG

Manufacturer of seals and plastic processors



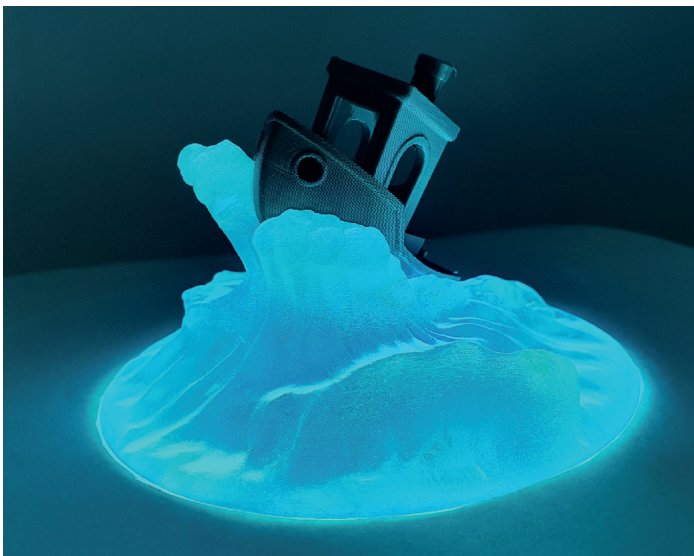
iSQUARED²

Generic Consumables and Services for 3D Printing

NT K+D AG

is a company which was originally known as a seal manufacturer and plastic processor.

With the demands of customers, we also became more and more involved in product development, life sciences and mechanical engineering. Over time, and especially with the deepening in additive manufacturing, these areas intensified and other divisions such as art, consumer products and C-parts were added. Our internal department „Parts-Printing by NT K+D AG“ not only deals with 3D production, but also in-depth with the development of 3D machines, improved process flows, engineering and prototyping.

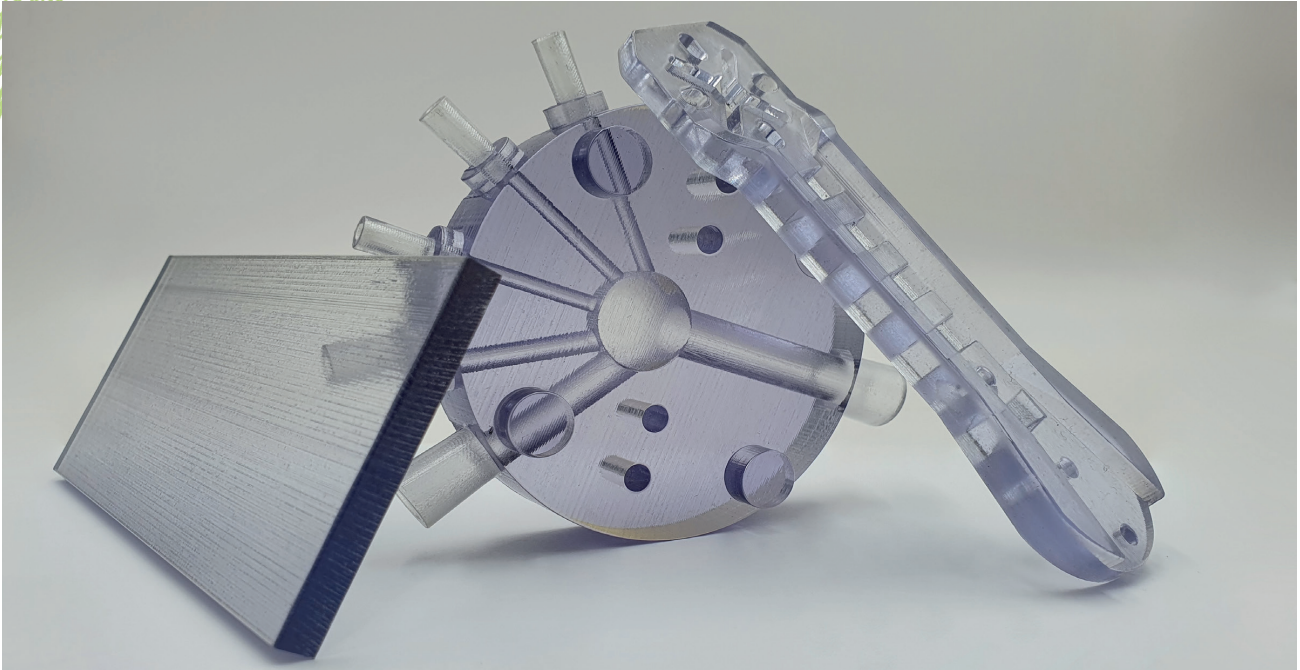


We produce additive parts using the PolyJet, FDM and Multi Jet Fusion processes. We are supplied by iSQUARED AG mainly for our PolyJet printer with what we consider to be the most suitable printing materials. Other processes that we use are injection molding, turning, milling, cutting and punching.

iSQUARED²

Generic Consumables and Services for 3D Printing

Over time, we were able to draw on an ever-growing wealth of experience. Through the knowledge gained, the demands on materials and suppliers became higher and therefore we switched to iSQUARED AG in 2018/19 with numerous printing materials.



In our experience, iSQUARED AG materials are less brittle than other suppliers while offering better value for money. We were able to use the materials on our machines without any adaptation. The handling (spool conversion, etc.) is particularly effortless. iSQUARED packs the orders in a timely and ecological manner without unnecessary plastic packaging in cardboard boxes, which we notice positively and makes time good when unpacking.

We use iSQUARED IORA Model Flex 30A in black, white and clear for our J750 polyjet machine. The transparent material has proved particularly successful, as it is very clear. The striking advantage for us, besides the price, is the customizability of the materials in color and properties. The printing results with iSQUARED materials are consistent and predictable, thus offering high repeatability. Due to the above mentioned points we can recommend iSQUARED AG without any problems.

