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Pressrelease injection moulded prototypes

PDS now offers injection moulded prototypes within five working days from order.

The concept is based on simplified tools, made by lasersintering. Injection moulding of parts is done "by hand". Prices for these moulds lies in a segment that is significantly lower than equivalent machined tools, made for instance by aluminium.

A limitation in partsize at about 100x200x100mm apply. The surface finish and resolution is similar to a SLS-part. The possible amount of shoots is reduced, a rough number is less than 50 for hard materials and more than a 100 for softer ones.

Parts made out of TPE, PE , PP & POM has been manufactured succesfully. Tests are in progress with other qualities. One injection moulding machine is devoted solely to this concept assuring quick handling at all times.

"Our aim is to offer the market the best of two worlds, price and speed as with Additive Manufacturing in combination with genuine thermoplastic materials as with injection moulding", says Mikael Sohlberg, MD at PDS.

About Plastic Design & Service AB (PDS):

PDS was founded in 1992 and is specialised in various manufacturing of prototypes and injection moulding of short- and medium sized series of plastic parts. The company is situated in south central parts of Sweden. PDS has 19 employees, the turnaround 2010 was € 2,2M.

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About EOS GmbH:

EOS was founded in 1989 and is the world leader in laser sintering.

www.eos.info