

MIM

METAL INJECTION MOLDING



plastoco

INJECTION MOLDED TECHNICAL PARTS



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Apply the advantages and possibilities of plastic injection molding when designing a geometrically complex steel part.

- Medium and high production volumes
- Typical part weights from under 1 gram up to 40 grams
- Stainless steels, tool and low alloy steels
- 98 % and greater, of theoretical density
- Tolerances typically +/- 0,3 %
- Excellent mechanical properties
- Good surface finish





The process in short

Injection molding - A special polymer and metal blended feedstock is injection molded into a so called green part.

De-binding - The green part still contains polymer binders that need to be removed. This is done in the second step, in a de-binding furnace. Now we have a so called brown part.

Sintering - The last step is the sintering process of the brown parts. The sintered parts are ready for optional after treatments such as polishing, machining or coating before sent to our customers.



INJECTION MOLDED TECHNICAL PARTS

Plastoco is specialized in contract manufacturing of injection molded metal and plastic parts. We have over 35 years' experience of injection molding with a strong focus on high product quality and service.

For more information, please contact our sales team. Contact details can be found on our website.



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