



Parmaco
Metal Injection Molding AG

MIM sensor-housing in the food industry

Field of Application: Gastronomy

This product is a sensor-housing for a testing device, which verifies the quality of the frying oil in gastronomy. Thanks to this, the exact time for the oil change can be determined. This allows the user to avoid costs of a premature oil change as well as quality problems caused by old oil.

MIM Sensor-Housing:

This housing comes directly into contact with oils that have a temperature of up to 250°C. It must be able to withstand both the heat as well as different aggressive substances.

The MIM housing used for this must fulfill very high requirements regarding, inter alia, surface quality (foodstuffs!), precision, absolute density, corrosion resistance, etc.

Part Specifications:

- Material: 316L / 1.4404
- Weight: 6.50g
- Surface Roughness: Ra 0.6
- Size: $\varnothing 13.65 \times 35$ mm
- Annual quantity: 20'000 pieces
- Post-processing: tumbled

