

*SUCCESS STORY*

# *TPU EAR TAGS FOR LIVESTOCK IDENTIFICATION*

*DATAMARS / SLOVAKIA*

**Krauss Maffei**

*Pioneering Plastics*



# WITH BUTTON IN THE EAR TPU EAR TAGS ON THE NEW PRECISIONMOLDING

## OVERVIEW

**CUSTOMER:** Datamars  
**COUNTRY OR REGION:** Slovakia  
**INDUSTRY:** TEC / Agriculture

### APPLICATION: EAR TAGS

- Number of cavities: 32
- Shot weight: 60.81 g
- Material: TPU

### MACHINE DETAILS: PRECISIONMOLDING 160-540

- Clamping force: 1600 kN
- Screw diameter: 45 mm

### CUSTOMER PROFILE:

Datamars is a leading supplier of livestock identification solutions.

[www.datamars.com](http://www.datamars.com)

### REQUIREMENTS:

- Safe processing of TPU
- High precision and repeatability
- Easy operation and maintenance
- Energy-efficient production
- Short lead times

### INDIVIDUALIZED SOLUTION:

- Mold cooling with water batteries
- Hot runner
- User-friendly MC P1 control system

### BENEFITS:

- Dry cycle time decrease in comparison to competitors
- High energy efficiency thanks to all-electric machine concept
- Fast delivery time and installation
- Efficient floor space

Farmers and cattle breeders around the world trust livestock identification solutions from Datamars. At the site in Nitra, Slovakia, an all-electric injection molding machine from the new KraussMaffei precisionMolding is producing TPU ear tags for cattle, sheep and other farm animals.

Datamars with headquarter in Lamone, Switzerland is a leading supplier of livestock identification solutions. By the end of 2022, Datamars was looking for a new all-electric injection molding machine for its site in Nitra/Slovakia that would be affordable but also meet the high-quality requirements.

They looked at and tested various suppliers. They then decided on the new precisionMolding from KraussMaffei. Above all, the high quality convinced them, for example the better cycle times, the high precision and the better repeatability. In addition to the fast delivery times and installation, Datamars particularly appreciates the ease of operation and maintenance of the precisionMolding.

The new precisionMolding 160-540 is producing ear tags from TPU (thermoplastic polyurethane). The material requires some special features during processing which could be perfectly matched in standard by the new precisionMolding.

***“Thanks to the short lead times, KraussMaffei always ensures that I can meet my production deadlines without delays.”***

[Stefano Mancuso, Plant Manager Datamars Slovakia]



*TPU ear tags are particularly flexible, abrasion-resistant and weatherproof*



*Easy and intuitive operation: the MC P1 control*



*Appreciate the trustful cooperation  
(from left to right): Stefano Mancuso  
(Plant Manager Datamars Slovakia)  
and Martin Stepanek (CEO KraussMaffei  
Technologies Sucany) in front of the  
new precisionMolding 160-540.*