



## **Aurora PA11 Food Grade**

Aurora PA11 Food Grade is a Ployamide 11-based material designed for primary use in food industry applications. It is made from 100% bio-based substances. The material is well suited for technical end products: the material is a sustainable thermoplastic polymer that produces strong UV-stable prints. The highly visible blue colour makes the printed parts easy to detect in the event of foreign material accidentally falling into the food product.

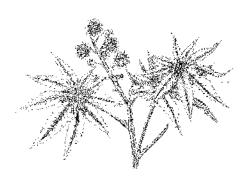


PA 11
Polyamide termoplastic

UV/Water Resistant/low uptake







## **Technical specifications**

PROPERTY	VALUE	UNIT
DENSITY OF FINISHED PARTS	1,05	g/cm³
DENSITY OF POWDER	0,65	g/cm³
MELTING POINT	200	°C
TENSILE STRENGTH	51	MPa
ELONGATION AT BREAK	51	%
TENSILE MODULUS	1700	MPa
FLEXURAL MODULUS	1200	MPa
HARDNESS	80	Shore D

## **Typical applications**

- Food industry
- Safety equipments
- Blue color parts
- PA11-based parts

## **Advantages**

- Superior mechanical properties
- UV-stable
- Low water uptake
- Flexible
- High strength
- Salt water resistant



