



Aurora

Aurora is a Polyamide 11 based material made from 100 % bio based materials. The material is a sustainable thermoplastic polymer that produces strong UV-stable products well suited for technical end products. The material has superior mechanical performance compared to polymers such as Polyamide 12 widely used in rapid prototyping.

100 %
Renewable source

PA 11
Polyamide termoplastic

UV/Water
Resistant/low uptake



Technical properties

PROPERTIES	VALUE	UNIT
TENSILE MODULUS	1500	MPa
TENSILE STRENGTH	45	Mpa
ELONGATION	45	%
FLEXURAL MODULUS	1200	MPa
DENSITY	0,65	g/cm ³
MELTING POINT	200	°C

Typical applications

- **Housings**
- **Mounts**
- **Gears**
- **Small complex parts**
- **Prototypes**
- **Functional parts**

Advantages

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

