

PA 11 food grade (blue)

Key Features

Food safety • High ductility • Impact resistance • Biocompatibility

Applications

Prototyping • End-use parts • Medicine, dentistry • Consumer goods

Product Description

PA 11 food grade is a composite powder made from polyamide 11, tailored for powder bed systems like laser sintering (SLS), and it comes in a distinctive blue color. This material is designed for producing models and functional parts for the food industry, offering a long cycle of life and outstanding chemical resistance, ensuring durability and safety in food-related applications.

Properties

Tensile strength (X/Y, Z)	53, 45 MPa
Elongation at break (X/Y, Z)	20, 5%
Flexural modulus	> 1500 MPa
T ^o f Melting point (DSC)	190 - 202°C
Density	1.02 g/cm ³
Hardness	78D

Reference

For more detailed source information, please consult the original document linked [here](#). We encourage users to verify the data's relevance and suitability for their specific needs.

