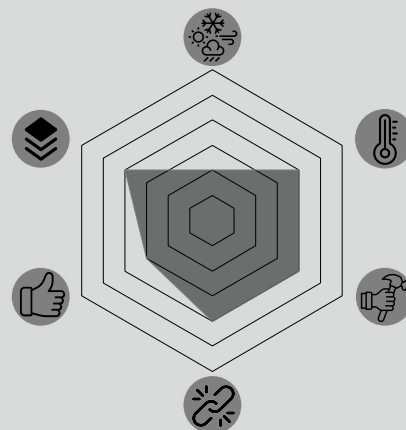


- Layer adhesion
- Weather resistance
- Easy to print
- Heat resistance
- Tensile strength
- Impact resistance



Description

Acrylnitril-Butadien-Styrol (ABS) is a thermoplastic material, with a high stiffness, toughness and strenght. It is not so easy to print like PLA and we recommend a heated enclosure.

Identification

Name	ABS
Chemical Name	Acrylnitril-Butadien-Styrol
Usage	FDM 3D Printing
Manufacturer	Material 4 Print GmbH & Co. KG, Germany

Properties

Test	Value	Method
Specific Gravity	1,04 g/cm ³	ISO 1183
Elongation at Break	20%	ISO 527
Tensile Strength	32 MPa	ISO 527
Flexural Modulus	1,9 Gpa	ISO 178
Notched Izod Impact	180 J/m	ISO 180-1A
Melting Point	210 - 240 °C	
Heat Distortion Temperature	81 °C	ISO 75/A
Flammability	HB	UL94

If you have any further questions about the product or problems in its use, please contact info@material4print.de



Certificate



Certification depends on colors in the final product. More info in the additional information sheet.

Storage

Store at room temperature, out of direct heat and sunlight and in a dry place.

Print Settings

Nozzle Temperature: 220-250 °C
Bed Temperature: 90-110 °C