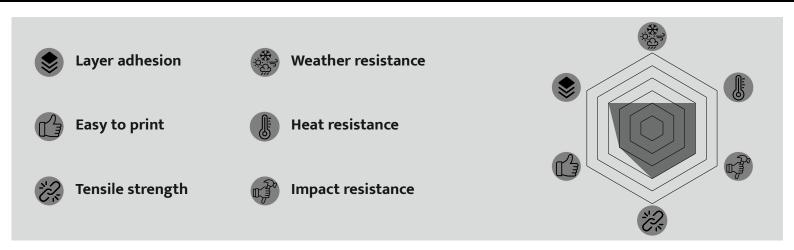
Material Data Sheet ESD-ABS





Description

ESD-ABS (Conductive) filament is an antistatic filament and is used in the electronics industry.

Our ESD filament is used to protect electronic components that are sensitive to electrostatic discharge.

Identification

Name ESD-ABS

Chemical Name Acrylnitril-Butadien-Styrol

Usage FDM 3D Printing

Manufacturer Material 4 Print GmbH & Co. KG, Germany

Properties

Test	Value	Method
Specific Gravity	1,10 g/cm ³	ISO 1183
Vicat, Rate A	104 °C	ISO 306/A50
HDT, 0.45 MPa	88 °C	ISO 75/Bf
Tensile Strength	32 MPa	ISO 527
Yield strength	40 MPa	ISO 527
Tensile strain at break	10 %	ISO 527
Tensile strain at yield	4 %	ISO 527
Flexural Modulus	1900 MPa	ISO 178
Surface Resistance	>10 ⁶ - 10 ⁸ <	ASTM D257

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: 235-250 °C Bed Temperature: 90-110 °C

These data were taken from the raw material manufacturer.