

Material Data Sheet

ABS-PC



**MATERIAL
4PRINT**

your filament experts



Layer adhesion



Weather resistance



Easy to print



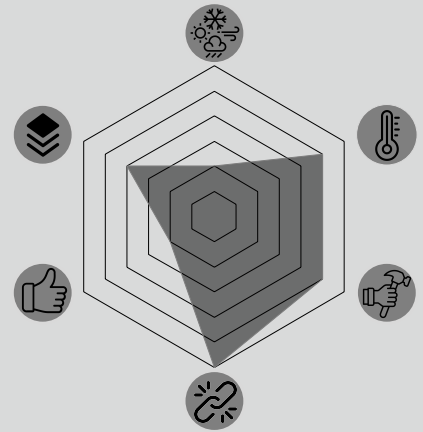
Heat resistance



Tensile strength



Impact resistance



Description

Material4Print ABS-PC is a polymer blend that further enhances the properties of our normal ABS material. ABS-PC offers excellent toughness and high heat resistance as well as high impact resistance.

Identification

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

Properties

Test	Value	Method
Specific Gravity	1,13g/m ³	ISO 1133
Tensile Elongation	4.4%	ISO 527
Tensile Strength at break	54 MPa	ISO 527
Flexural Modulus	2400 MPa	ISO 527
Melting Point	260°C	ISO 294
Heat Distortion Temperature	122°C	ISO 75-1/-2
Degradation Temperature	300°C	
Glass Transition Temperature	100°C	

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: 260-290 °C
Bed Temperature: 90-120 °C

These data were taken from the raw material manufacturer.

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Contact: info@material4print.de