

Material Data Sheet



ABS-PC

Storage:

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

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	1130 kg/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

Print Settings:

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

Colors (ca. RAL) :

- Natur
- Tiefschwarz (9005)
- Signalweiß (9003)

These data were are taken from the raw material manufacturer.

Contact: info@material4print.de

01.02.2020