

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) :	
<input type="radio"/> Natur	<input type="radio"/> Signalweiß (9003)
<input checked="" type="radio"/> Tiefschwarz (9005)	



These data were are taken from the raw material manufacturer.