



# Filament chart

Use this table to compare the most common filament types. The table shows the properties, instructions for use and price ranges of the filaments.



THE BUILDING ARCHIVE

MATERIALS	NOZZLE TEMP. °C	BED TEMP. °C	HARDENED NOZZLE REQUIRED	ENCLOSURE ADVISED	DRY BOX ADVISED	VISUAL QUALITY	EASY TO PROCESS	PRESSURE RESISTANCE	IMPACT RESISTANCE	HEAT RESISTANCE	HIGH IN PRICE
PLA	185 - 235 °C	50 - 60 °C									
ABS	230 - 255 °C	95 - 110 °C		✓							
ASA	220 - 275 °C	90 - 110 °C		✓							
PETG	215 - 270 °C	70 - 90 °C									
NYLON (PA-12)	240 - 285 °C	70 - 115 °C		✓	✓						
TPU (FLEX)	220 - 260 °C	40 - 85 °C			✓						
PC (POLYCARBONATE)	270 - 275 °C	100 - 115 °C		✓							
CARBON FILLED	225 - 285 °C	40 - 115 °C	✓	✓							
WOOD FILLED	190 - 260 °C	60 - 85 °C									
METAL FILLED	190 - 260 °C	60 - 85 °C	✓								

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