

3D PRINTING MATERIALS & SLICER SETTINGS



Typical Properties & Settings	Plastic	Rubber			
	PLA	TPE / TPU	ABS	PVA	PETG
Name	Polylactic Acid	Thermoplastic Elastomers / Polyurethane	Acrylonitrile Butadiene styrene	Polyvinyl Alcohol	Polyethylene Terephthalate (Glycol-Modified)
Common Use	General Printing	Flexible Parts	General Printing	Water Soluble Supports	General Printing
Formula	$(C_3H_4O_2)_n$	Various	$(C_8H_8 \cdot C_4H_6 \cdot C_3H_3N)_n$	$(C_2H_4O)_n$	$(C_{10}H_8O_4)_n$
1.75mm Filament meters per kg	333	350	392	352	301
Build Plate Temperature (°C)	50	50	100	OFF	50
Extruder Temperature (°C)	200	215	220	185	220
Build Speed (mm/s)	80	20	80	40	80
Infill (%)	15+	25-50	15+	15+	15+
Cooling Fan	AUTO	OFF	AUTO	AUTO	AUTO