

BASIC MATERIALS

PLA

- THE MOST COMMONLY USED BASIC MATERIAL
- FOR BEGINNERS (VERY EASY TO PRINT)
- FOR BOTH SMALL AND LARGE PRINTS
- HARD AND TOUGH MATERIAL BUT EASY TO BREAK (BRITTLE)
- TEMPERATURE SENSITIVE (MAY LOSE ITS CHARACTERISTICS AT 60+ °C)
- NO WARPING
- MADE OF BIODEGRADABLE RESOURCES

PETG

- FOR BEGINNERS (VERY EASY TO PRINT)
- RATHER FOR LARGE PRINTS
- HARD, TOUGH AND DURABLE MATERIAL
- TEMPERATURE RESISTANT
- NO WARPING
- IDEAL FOR MECHANICAL PARTS (USED TO BE ONE OF THE MAIN MATERIALS FOR PRUSA PRINTERS – PETG 2018)

ABS

- FOR ADVANCED MAKERS
- FOR BOTH SMALL AND LARGE PRINTS
- STRONG AND TOUGH MATERIAL WITH HIGH SURFACE HARDNESS
- HEAT AND IMPACT RESISTANT (UP TO **90°C**)
- ACETONE-SOLUBLE (EASY POSTPROCESSING)
- TYPICAL SMELL
- THERMAL CONTRACTING – CLOSED CHAMBER RECOMMENDED

ABS-T

- ABS + MMA (METHYL METHACRYLATE)
- ABS WITH FEW DIFFERENCES:
- RATHER FOR SMALL PRINTS
- EVEN MORE HEAT RESISTANT (UP TO **98°C**)
- HARDER AND STRONGER
- THERMAL CONTRACTING, MORE DIFFICULT TO PRINT – CLOSED CHAMBER RECOMMENDED EVEN MORE

SPECIAL MATERIALS

PETG CFJET CARBON

- BASED ON PETG
- CONTAINS 20 % OF CARBON FIBRES
- FOR BEGINNERS (EASY TO PRINT)
- HIGHLY WEATHER, CHEMICAL AND IMPACT RESISTANT EVEN AT LOW TEMPERATURES
- MATT SURFACE
- IDEAL FOR MECHANICAL COMPONENTS

PETG FRJET

- BASED ON PETG
- FIRE-RETARDANT AND SELF-EXTINGUISHING - **UL94 V0 CERTIFICATION**
- IDEAL FOR ELECTRONIC AND MECHANICAL COMPONENTS

PLA GLOWJET

- BASED ON PLA
- CONTAINS PHOSPHORESCENT PIGMENTS
- GLOWS AFTER BEING CHARGED WITH ANY TYPE OF LIGHT

PLA MARBLEJET

- BASED ON PLA
- GOOD-LOOKING IMITATION OF STONE
- IDEAL FOR ARCHITECTURAL MODELS

PAJET NYLON

- ALSO KNOWN AS ENGINEERING PLASTICS
- PRINTING CONDITIONS SIMILAR TO ABS
- HIGHLY HEAT (160°C), IMPACT, MECHANICAL AND CHEMICAL RESISTANT
- SMOOTH SURFACE IDEAL FOR SLIDING AND ROLLING COMPONENTS (BEARINGS)

RUBBERJET FLEX

- POLYOLEFIN-BASED MATERIAL
- VERY FLEXIBLE
- VIBRATION DAMPING
- HIGHLY IMPACT, CHEMICAL AND WATER RESISTANT
- MATT SURFACE
- PRINTING ON PP OFFICE TAPE RECOMMENDED

ASA

- SIMILAR TO ABS
- PERFECT FOR OUTSIDE USE
- UV STABLE, HIGH WATER AND IMPACT RESISTANT
- GREAT LAYER ADHESION
- EASY POSTPROCESSING

PC/ABS

- HIGHLY IMPACT AND HEAT RESISTANT (UP TO 115°C)
- TOUGH AND STRONG MATERIAL
- SELF-EXTINGUISHING AND FIRE-RETARDANT - **UL94 V0 CERTIFICATION**
- IDEAL FOR MECHANICAL PARTS
- THERMAL CONTRACTING – CLOSED CHAMBER RECOMMENDED