THE FILAMENT PLA Matte

MATERIAL PROPERTIES

Physical		
Specific Gravity	1.29 g/cm3	D 792
Mechanical Properties		
Tensile Strength at Yield	37 MPa	D 638
Elongation at break	>9 %	D 638
Flexural Modulus	2.2 Gpa	D 790
Izod Notched	51,2 J/m	D 256
Thermal Properties		
Heat Deflection Temperature	60°C	D 648

GUIDELINE FOR PRINT SETTINGS*

Nozzle temperature	195-220°C
Nozzle temperature (High Speed)	
Bed temperature	40-50°C
Closed chamber for printing	not necessary
Dry box recommended	No
Ruby or hardened nozzle recommended	No
Adhesive	not necessary (if you need increased adhesion or prevent warping: glue stick, Dimafix, 3DLac, Magigoo)
Cooling	Up to 100%
Surface finish	matte
Features	matte surface, biodegradable, user friendly, best choice for everyday use

* settings are based on a 0,4 mm nozzle.
** depending on the geometrical complexity

STORAGE AND SHELF LIFE

Filament should be stored in a dry room at room temperature. Recommended storage temperature is ca. 18-25°C (64.4 -77.0°F). Keep out of moisture, sunlight and direct heat. When stored properly, product has a shelf life of 24 months.

SUPPORT

If you have any questions or experience any issues, please do not hesitate to contact us at **support@spectrumfilaments.com**