

# 3Dee PLA series “HT”

## Technical Data Sheet

3Dee PLA is a strong, easy to use high grade PLA type of filament, ideal for 3D printing. Slightly modified, the filament retains its typical features but makes it more heat resistant. Our Poly Lactic Acid Filament is a biodegradable plastic, made from renewable natural resources and one of the most sustainable materials for 3D printing.

### Material features:

- Higher heat resistance, compared to regular PLA blends
- Low warping
- Heat Distortion Temperature can be improved through annealing
- Biodegradable & sustainable

### Material properties

Description	Test method	Typical value
Specific gravity	D792	1,24 g / cc
MFR 210°C / 2,16kg	D1238	7-9 gr / 10min
Tensile Strength at Yield (MPa)	D882	65,5 MPa
Strain at yield	D882	4,3%
E-Modulus	D790	4357 Mpa
Flexural Strength (MPa)	D790	126 MPa
Printing temp.	DF	230 ± 10 °C
Heat Distortion Temperature (0.45 MPa)	E2092	110 °C
Glass transition temp.	D3418	60 °C
RoHS compliance		yes
REACH compliance		yes

*The numbers presented are typical values intended for reference and comparison purposes only. The performance characteristics of 3D printed parts may vary according to build conditions, print settings or applications.*

### Additional information:

If you have a heated bed the recommended temperature is 50-65°C.  
Storage: Cool, dry (15-25°C) and away from light.