

TECHNICAL DATA SHEET

REV1 - APRIL 2019



The Create it REAL Premium PLA (Poly Lactic Acid), is a biodegradable thermoplastic derived from renewable resources such as corn, sugarcane, or starch. Ideal for Designers or 3D printing enthusiasts looking for vibrant colors, this high-end filament has been optimized to get the best results.

Material identification

Product Name:	Create It REAL Premium PLA
Raw material:	Polylactic acid
Use of Product:	FDM/FFF 3D Printing

Material specifications

Density/ Specific Gravity	1.24 g/cc
Crystalline Melt Temperature	145-160 °C
Glass Transition Temperature	55-60 °C
Clarity	Transparent

Filament specifications

Diameter:	1.75 ± 0.05 mm
Weight:	1kg. Net

Printing Specifications

Temperature Head:	190 - 220 °C
Temperature Bed:	40 - 60 °C
Printing Speed:	15 - 450 mm/s
Fan Speed:	70 - 100 %

Product certifications and compliance

REACH compliant:	Yes
RoHS compliant:	Yes
HS code:	39169090