# EASYPRINT<sup>TM</sup> PLA

### Why should I use EasyPrint™ PLA?

- Very easy to print, even at low temperatures
- Very small risks for warping
- It's biodegradable
- No unpleasant smell



\* Please see our website for latest options and colors available.

## **EasyPrint™ PLA**

EasyPrint<sup>™</sup> PLA is a very nice 3D Print material, it's non-toxic and has a no unpleasant smell when you print with it. Because of its thermal characteristics it's easy to get great prints. Filament from PrimaCreator comes on a transparent spool which makes it easy to see how much filament there are left on the spool.

Polylactic acid (PLA) is a bio-degradable polymer that is produced from lactic acid, which can be fermented from crops such as corn.

EasyPrint<sup>TM</sup> PLA has a slight shine to its appearance when the print is done. EasyPrint<sup>TM</sup> PLA also comes in a wide selection of beautiful and vivid colors with a nice appearance that are based on the RAL color system which in turn guarantees that you get the same color every time you order a new spool of filament.



#### **Essential Data**

Material	PLA
Diameter	1,75mm - 2,85mm
Tolerance	+/- 0,02mm
Heated build platform required	No
Print Temperature	185 - 220°C
Weight Filament	1kg (1000g)
Total lenght of spool	340m +/- 1%
Spool Size	200 x 66mm
Spool Hub Diameter	54mm
Empty spool weight	142g

#### Dimensions

Size:	Ø tolerance	Roundness
1,75 mm	±0,05 mm	≥95%
2,85 mm	±0,10 mm	≥95%

#### **Physical properties**

Description:	Testmethod	Value
Density	GB/T1033-1986	1,24 g/cm <sup>3</sup>
Melting Point	GB/T19466.3-2004	175 - 179°C
Glass transition temperature	GB/T19466.3-2004	60 - 62°C

#### **Mechanical properties**

Description:	Testmethod	Typical value
Tensile strenght @ Yield	GB/T1040-1992	63 MPa
Melting temp.	GB/T1040-1992	6%
Melting point	GB/T1040-1992	92 MPa
Vicat softening temp.	GB/T1040-1992	3,5 KJ/m <sup>2</sup>



CONTACT INFORMATION: Phone: +46 40 684 97 90 E-mail: info@primacreator.com WWW.primacreator.com