

# PRIMASELECT™

## PLA CHAMELEON

### Why should you use Chameleon PLA?

- Made from virgin PLA
- Changes color when you turn it or depending on light
- Comes in a variety of different color schemes
- Prints like regular PLA
- No hazardous fumes or unpleasant smell
- Low risk of warping

#### Additional info:

Due to its low tendency to warp Chameleon PLA can also be printed without a heated bed. If you have a heated bed the recommended temperature is fl 50-60 °C. Chameleon PLA can be used on all common desktop FDM or FFF technology 3D printers.

Storage: Cool and dry (15-25°C) and away from UV light. This enhances the shelf life significantly.



### Specification Data

Filament specs.		
Size	Ø tolerance	Roundness
Mowital B 14 S	+/-0,05mm	≥ 95%
Mowital B 16 H	+/-0,10mm	≥ 95%

### Additional Data

Material properties		
Description	Testmethod	Typical value
Specific gravity	ISO 1183	1,24 g/cc
MFR 210°C/2,16 kg	ISO 1133	8,2 g/10 min
Tensile strength at yield	ISO 527	71 MPa
Tensile strength at break	ISO 527	71 MPa
Elongation strain at yield	ISO 527	3,2%
Elongation strain at break	ISO 527	3,6%
Tensile (E) Modulus	ISO 527	3200 MPa
Impact strength charpy method 23°C	ISO 179 1eA	2,6 kJ/m2
Vicat softening temp.	ISO 306 B50	58,2°C
Mowital	Internal Method	225+/-10°C

**Chameleon PLA** is a new filament from PrimaCreator with a unique look to it. The filament is made up from two strands of filament which results in a print that has dual colors. The effect is stunning as the print seems to “change color” as you turn it and the light reflects in different ways.

PrimaSELECT PLA CHAMELEON adheres to BuildTak, PEI or glass plates which are coated with adhesive spray or PrimaFIX. A heated build platform is not essential. However, if your 3D printer has one, we recommend a setting of 35 – 60 °C for best 3D printing results. Recommended print temperature is 205 – 225°C