



Datasheet

RS PRO - Magic PLA

Stock numbers:

2358923 | 2358920 | 2358917 | 2358910 | 2358914 | 2358906 | 2358903 | 2358900 | 2358897 | 2358891 | 2358894 | 2358887 | 2358924 | 2358921 | 2358918 | 2358911 | 2358915 | 2358908 | 2358904 | 2358901 | 2358898 | 2358892 | 2358895 | 2358888 | 2358925 | 2358922 | 2358919 | 2358912 | 2358916 | 2358909 | 2358905 | 2358902 | 2358899 | 2358893 | 2358896 | 2358889

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The effect created by the combination of two colours makes Magic PLA an unique and special material. It is a real eye-catcher and this material is developed for its silky and smooth shine. The colour brilliance disperses light and increases the perception of colour brilliance if you look at it from difference angles.

We think that MAGIC PLA is a real must have in your product portfolio. The colour contrast, colour brilliance, the smooth and silky shine, makes Magic PLA a very unique material. You will love it!

Material features:

- Fantastic colour contrast/colour transition
- High light reflection
- Smooth and silky shine
- Easy to print

Colours:

RS PRO - Magic PLA is available from stock in a large selection of colours.

Packaging:

RS PRO - Magic PLA is available in 300, 500 grams packaging and 1 kg packaging.



Filament specs.

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

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
Printing temp.	Print Lab	210±10 °C

Additional information:

The recommended temperature for the heated bed is ±50-60 °C. Magic 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.

- Bed adhesion: PEI, glass, hairspray or gluestick
- Print speed: Slow/Medium
- Fan speed: Medium
- Drying: Optional

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