

ees 3D

PRIMASELECT™ WOOD

Why should I use PrimaSELECT™ WOOD?

- It feels and smells like real WOOD
- Very easy to print, even at low temperatures
- Very small risks for warping
- It's biodegradable
- Easy to post process



PRIMASELECT™ WOOD

PrimaSELECT™ WOOD is an outstanding and beautiful material - it smells like wood, looks like wood and feels like wood so surely it's wood right? The answer is - almost. Prima SELECT™ WOOD is based on our PrimaSELECT™ PLA formula and has all of the benefits that PrimaSELECT™ PLA has but in the formula we have added 35-40 % wood and that is what gives PrimaSELECT™ WOOD its unique properties.

PrimaSELECT™ WOOD also comes in a range of beautiful and vivid colors that are very "nature like" with a nice appearance.



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

COLORS AVAILABLE



NATURAL NATURAL LIGHT GREEN



PRIMASELECT™ WOOD

INFORMATION:

PrimaSELECT™ WOOD feels a bit softer to the touch than ordinary WOOD materials, it's also more pliable which makes it perfect for all printers including printers with a Bowden set up.

Due to the very low shrinkage and the fact that you don't need a heated bed PrimaSELECT™ WOOD is very easy to use in all FDM/FFF printers. Warping is not a factor you have to consider if you use PrimaSELECT™ WOOD and it will also not deform when your prints are done which is common among cheaper materials. If your printer is equipped with a heated bed we recommend that you use a temperature setting of 40-60°C.

For best results we recommend that you use PrimaSELECT™ WOOD with a > 0,4mm nozzle.

With a fine grit piece of sand paper you can get an even more beautiful surface finish on your print.

PrimaSELECT™ WOOD sticks on BuildTak or glass plate coated with adhesive spray or glue stick.

PrimaSELECT™ WOOD is reeled on a transparent spool with 500 g of high quality filament. It's packed in a sturdy box and packed with silica gel to avoid moisture.

PrimaSELECT™ WOOD are available in diameter sizes of 1.75 mm and 2.85 mm.



DIMENSIONS

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

PHYSICAL PROPERTIES

Description:	Testmethod	Typical value
Specific gravity	ASTM D1505	1,20 g/cc/td>
Tensile strength	ASTM D882	70 MPa (MD)
100 MPa (TD)		
Elongation at break	ASTM D882	170% (MD)
110% (TD)		
Tensile modulus	ASTM D882	1900 MPa (MD)
2300 Mpa (TD)		
Impact strength	-	7,0 KJ/m ²

THERMAL PROPERTIES

Description:	Testmethod	Typical value
Printing temp.	PF	210-235 °C
Melting temp.	-	150 °C ± 10 °C
Melting point	ASTM D3418	140-150 °C
Vicat softening temp.	ISO 306	±45 °C

Our state of the art factory is equipped with the latest in laser measuring technology to ensure that you will receive a spool of filament with a very tight diameter and roundness tolerance.

This in turn makes for a filament that is compatible with most common printers on the market today.