

# SELECT™

## WOOD

### Why should I use SELECT™ 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



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



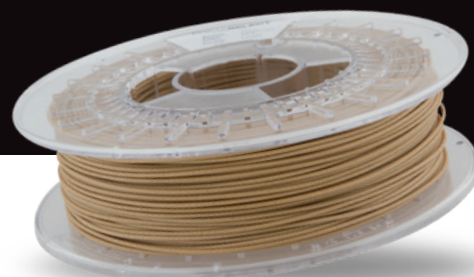
### SELECT™ WOOD

SELECT™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. SELECT™WOOD is based on our SELECT™PLA formula and has all of the benefits that SELECT™PLA has but in the formula we have added 35-40 % wood and that is what gives SELECT™WOOD its unique properties.

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

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### INFORMATION:

SELECT™ 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 SELECT™ WOOD is very easy to use in all FDM/FFF printers. Warping is not a factor you have to consider if you use SELECT™ 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 SELECT™ 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.

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

SELECT™ 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.

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

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.

### 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 <sup>2</sup>

### Thermal properties

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

Reseller: