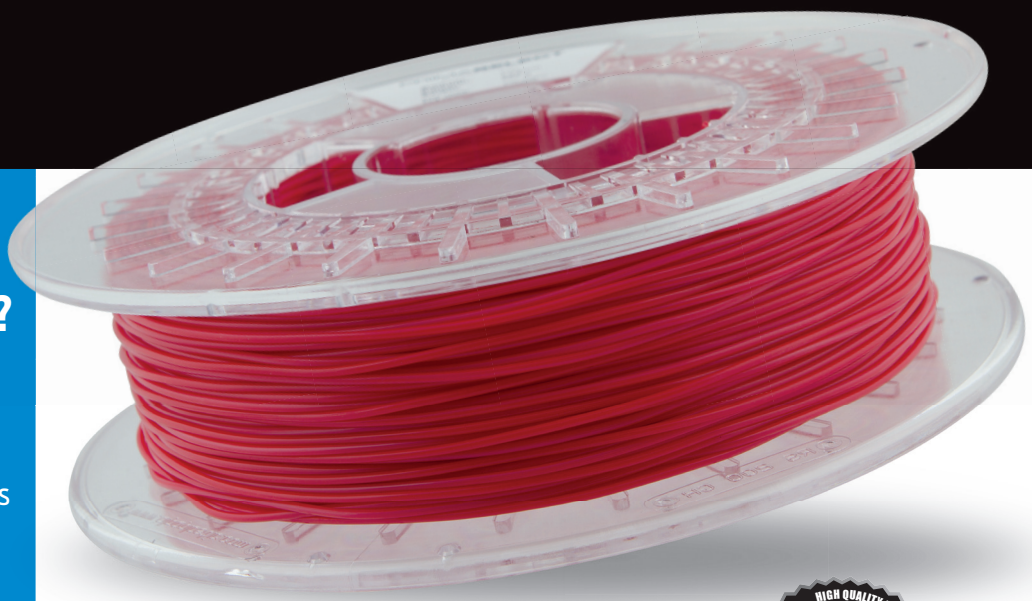
PRIMASELECT™ FLEX



Why should I use PrimaSELECT™ FLEX?

- High flexibility with a shore hardness of 45D
- Good resistance to chemicals
- High UV resistance
- Good heat resistance



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

PRIMASELECT™ FLEX

PrimaSELECT™Flex is a new type of Thermoplastic Co-Polyester (TPC) with very rubber – like characteristics. This material is perfect when you need a strong, but still flexible filament. Our filament has a shore hardness of 45, which means that it´s rigid but still pliable.

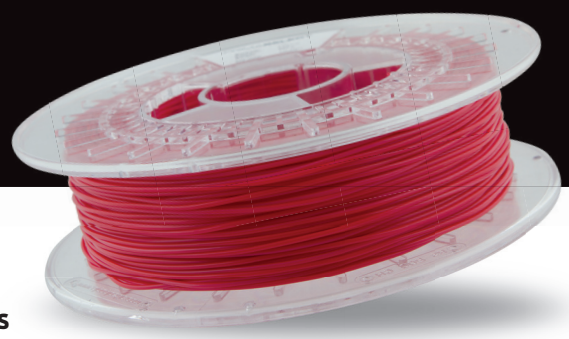
COLORS AVAILABLE

WHITE BLACK BLUE RED WATER

PRIMA™ - FILAMENTS -

CONTACT INFORMATION:
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www.primafilaments.com

PRIMASELECT™ FLEX



INFORMATION:

PrimaSELECT™Flex can create object that are stretchable and can survive punishment that no ABS or PLA could tolerate. Another great thing with PrimaSELECT™Flex is it´s great UV and chemical resistance. The material can be bend and stretched but will always go back to its original shape. The one application that most people know this material from is mobile phone cases, so it´s great for usage where you need the material to fit the model, not the other way around.

PrimaSELECT™Flex is best used with a heated bed which should be set to 90 - 100 ºC it could also be used without heated bed depending on the type and size of your print.

A print speed of 10-30 mm/sec are to prefer due to the materials flexibility.

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

PrimaSELECT™Flex 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 moister.

PrimaSELECT™Flex 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	ISO 1183	1,14 g/cc
Melt volume flow rate	ISO 1133	39 cm³/10 min
Stress at break	ISO 527	24
Strain at break	ISO 527	530,00 %
Tensile modulus	ISO 527	95 MPa
Impact strength Charpy method 23 ºC	ISO 179	Notched No break
Shore D Hardness	ISO 868	45

Thermal properties

Description:	Testmethod	Typical value
Printing temp.	-	220-260 ºC
Melting temp.	ISO 11357	180 ºC

Reseller:

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