

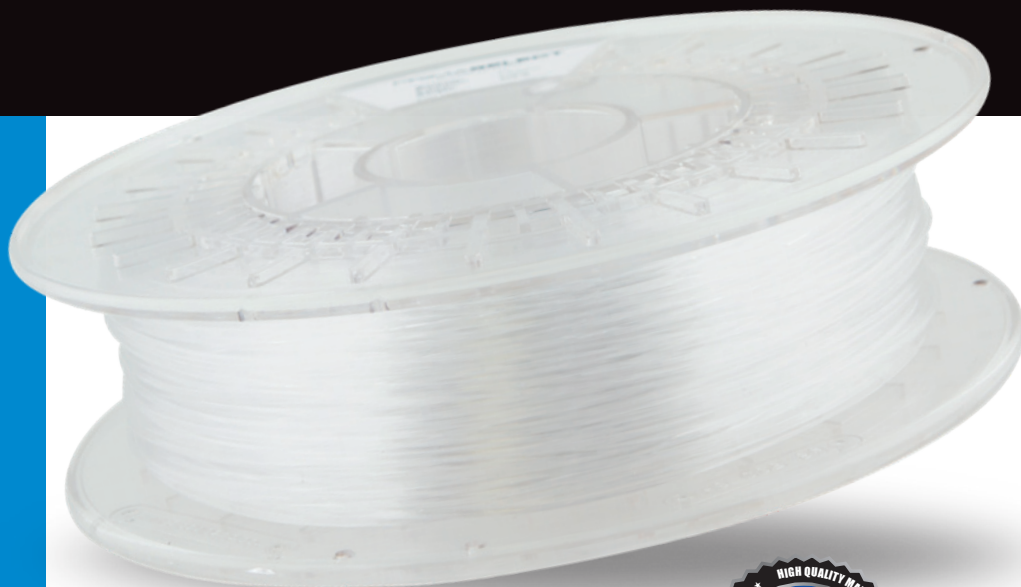
SELECT™ PC

Why should I use SELECT™ PC?

- Great strength and very high stiffness
- High heat resistance, up to 140 °C
- Good optical clarity
- Doesn't crack



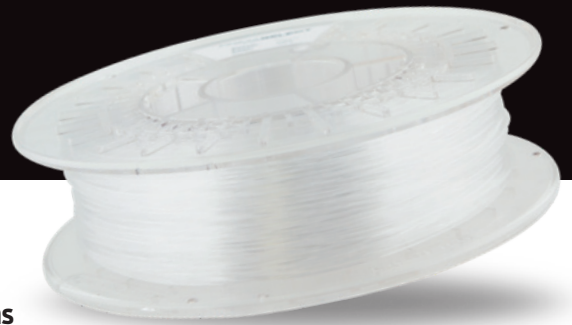
* Please see our website for latest options and colors available.



SELECT™ PC

SELECT™PC (Polycarbonate) is one of the strongest material you can find on the market today. It's a high-performance plastic with a unique blend of optical clarity, very high heat resistance and very good dimensional stability.

SELECT™ PC



INFORMATION:

When printing with SELECT™PC we recommend that you use a heated bed. Set your heat bed to a minimum 100 °C for best results. Recommended print temperature for this product is 270-290 °C we recommend SELECT™PC for experienced users.

SELECT™PC is commonly used to make all sorts of products including bullet-proof glass, riot shields, cellphone exteriors and many other products that require an engineering grade material.

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

SELECT™PC 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™PC 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	1,2 g/cc
MFI 300 °C/1,2g	ISO 1133	12 g/10 min
Tensile strength	ISO 527 50mm/min	65 Mpa
Elongation at break	ISO 527 50mm/min	120 %
Tensile modulus	ISO527 1mm/min	2350 Mpa
Impact Strength Charpymethod 23 °C	ISO 179 23 °C	736 KJ/m ²

Thermal properties

Description:	Testmethod	Typical value
Printing temp	DF	270-290 °C
Melting temp	-	210°C 10°C
Vicat softening temp	ISO 306	145°C

Reseller: