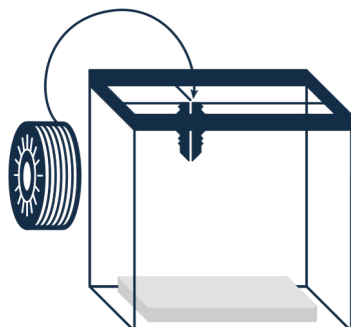
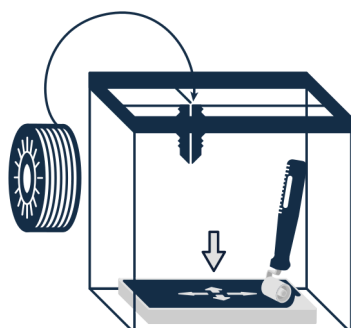


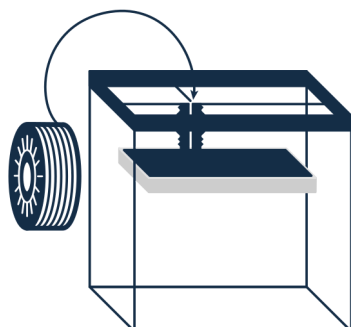
How to use *P-TPO 835 flex*



- 1 Place ***P-TPO 835 flex*** into your 3D printer. Use perfluorinated tubes and do not use a resistance in the tube such as hard-running filament trackers. For complex geometries you have to use ***P-support 279***. It is not required to dry both filaments prior to use.



- 2 Place ***P-surface 141*** with the PPprint logo upwards on your printer bed and fix it with gentle pressure using the ***P-roller 621***. You have also the option to adhere ***P-surface 141*** to your printer bed by using ***P-adhesive 220***.



- 3 Recalibrate your printing platform, heat up the extruder temperature to **230°C**, and start printing. To remove the finished part without destruction, the printer bed has to be heated to about **110°C**.

Recommended printing parameters

3D printing surface	P-surface 141	
Extruder temperature	200–240 °C	
Printing bed temperature	During the first layer	70–80 °C
	During 3D printing	20 °C
	Removal of printed parts	about 110 °C
Heated 3D printing chamber	Not required	

Your specialist for 3 D printing with polypropylene (PP)



Our P-TPO 835 belongs to the group of thermoplastic polyolefins and is a mixture of PP and a non-crosslinked elastomer. P-TPO 835 is characterized by good chemical resistance to acids, bases and ozone, and high impact resistance and low density.

P-TPO 835 offers increased toughness and durability over the conventional PP copolymers, and is used in industrial applications such as automotive bumpers, dashboards, door panels, seating, plugs in consumer electronics, and soft, comfortable items in consumer goods such as toothbrushes, toys, and shoe soles.

Advantages of P-TPO 835 flex



break resistant



flexible



light weight



recyclable



chemical resistant



no absorption
of water



immediately
3D printable



homogeneously
colorable



appealing
surface quality



breakaway
support material



certified
biological safety



sterilizable



withstands
up to 100 °C



weldable
with PP



dishwasher safe