

3D Filaments.  
Design. Create. Print.



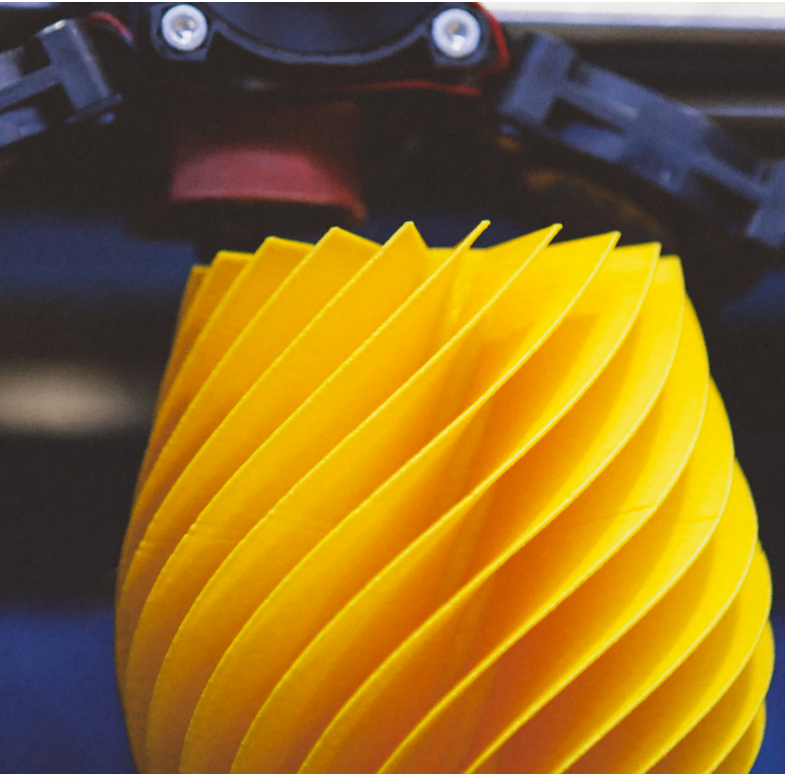
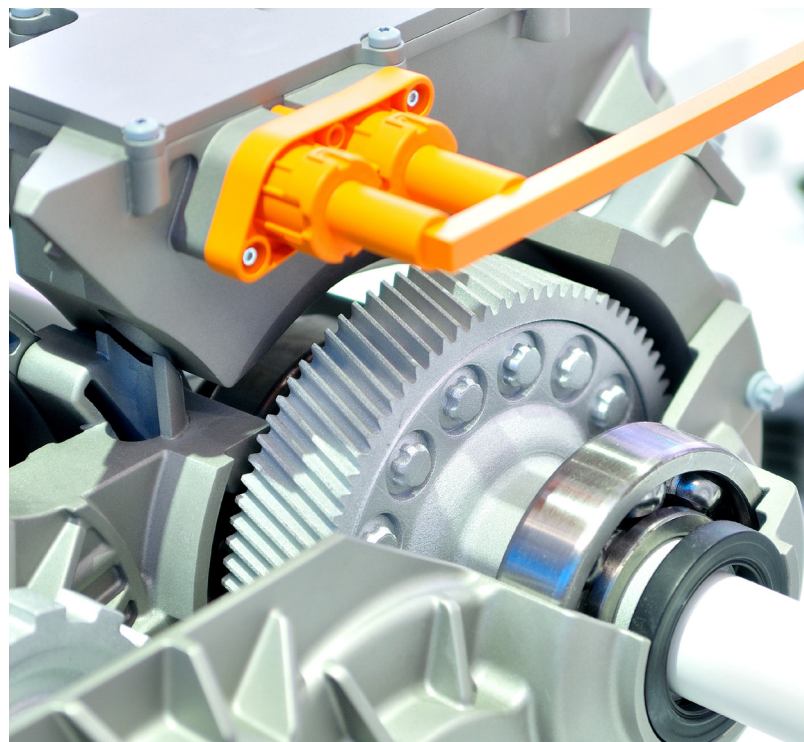
## Verbatim in 3D

Verbatim has been supplying the Additive Manufacturing industry since 2014 with a broad product range of high quality 3D printing filaments incorporating popular as well as specialized and unique materials.

Our filaments are known for being tough, reliable and easy to print, and are often the preferred material for 3D printer companies across Europe.

3D printing is changing the way products will be manufactured in the future. Recent global issues, and particularly the coronavirus pandemic, have emphasized a change in attitude towards global supply chains which has significantly increased attention to local manufacturing and 3D printing.

Verbatim is striving to be a leading long-term worldwide supplier to the industry, with our top class 3D printing products backed up by extensive global sales and marketing and a strong emphasis on friendly and dependable customer service.

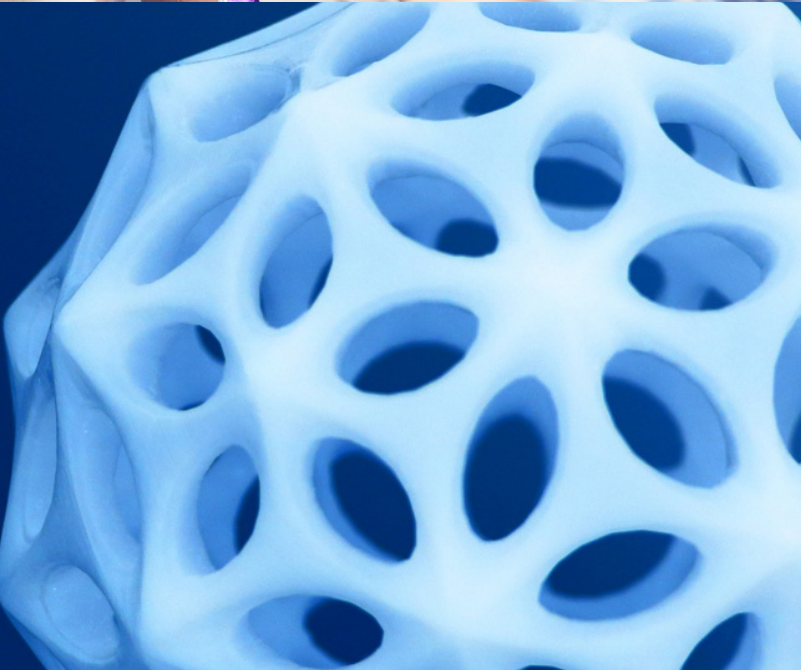
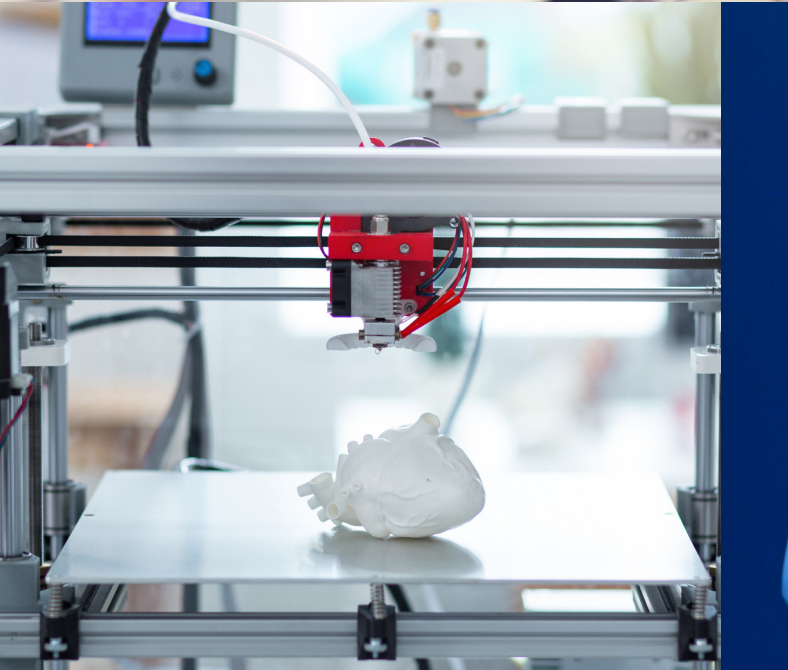
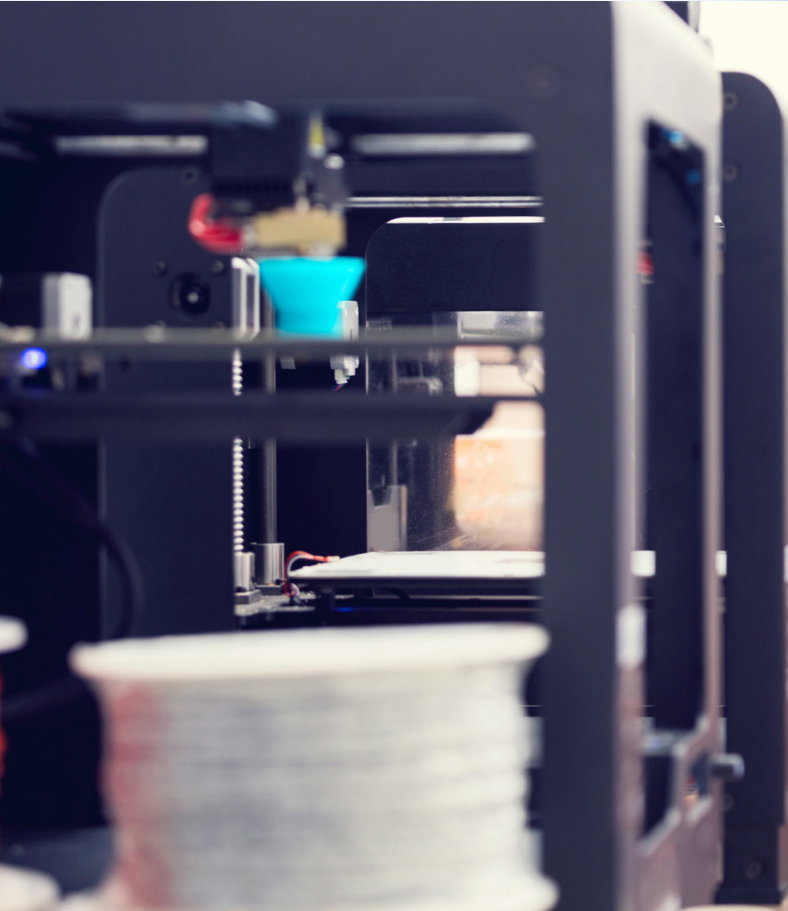
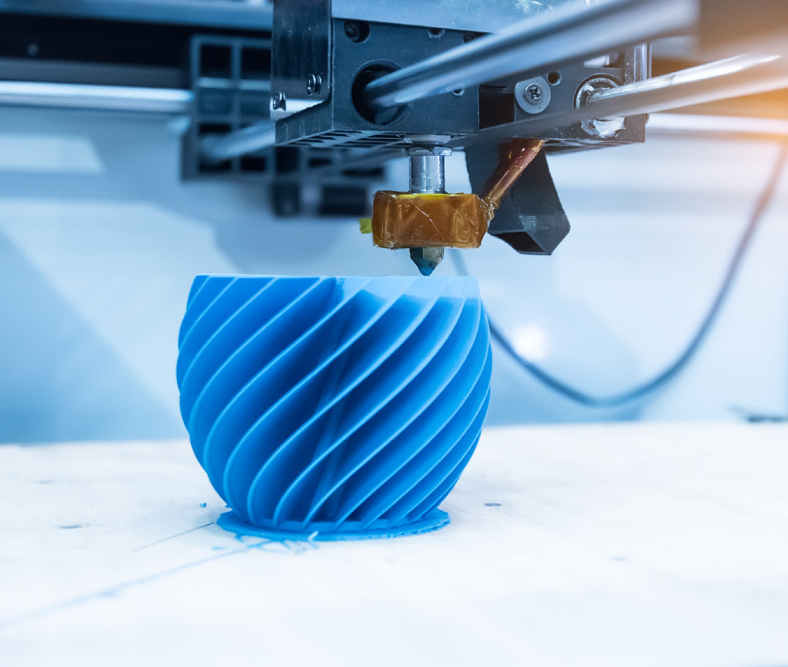


## Technology you can trust

Globally recognized as a technology pioneer, Verbatim's overriding principle is to give people peace of mind through the products and services that we provide.

Our products are sold in over 120 countries with a line-up that includes data storage products, mobile accessories and 3D printing materials.

In Latin verbatim means "word for word", and has been used since the company's founding to illustrate the principle of accurate, error free recording of data. This focus on quality and reliability is a hallmark of everything we do and very much influences our activities in 3D printing.





# Take a look at our filaments...

## PLA Premium

Easy-to-print filament with good post-printing workability.

- High performance Polyactic Acid (PLA)
- Biopolymer derived from plants
- Good post-printing workability
- Odourless
- Main applications: Concept modelling for food packaging, transport containers, medical/hygienic products, housings. Ideal for educational organisations.

PART NO.		COLOUR	RAL CODE	WEIGHT
1.75 mm	2.85 mm			
55318	55327	Black	9017	1 kg
55315	55328	White	9016	1 kg
55322	55332	Blue	5002	1 kg
55320	55330	Red	3020	1 kg
55324	55334	Green	6018	1 kg
55317	55326	Natural/Transparent	-	1 kg
55319	55329	Aluminium Grey	9007	1 kg



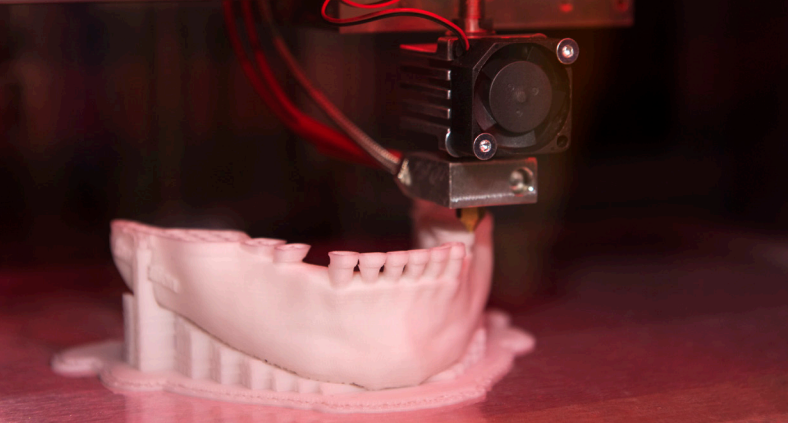
## ABS

Highly durable filament with good heat resistance and a smooth finish.

- Acrylonitrile Butadiene Styrene (ABS)
- High rigidity, high gloss, medium impact strength
- Resistant to grease
- Good post-printing workability
- Main applications: Concept modelling for building, electrical, automotive industry etc. Non-critical parts such as enclosures.

PART NO.		COLOUR	RAL CODE	WEIGHT
1.75 mm	2.85mm			
55026	55033	Black	9017	1 kg
55027	55034	White	9010	1 kg
55029		Blue	5002	1 kg
55030		Red	3020	1 kg
55031		Green	6018	1 kg
55028	55035	Natural/Milky	-	1 kg
55032	55036	Silver/Metal Grey	9007	1 kg





## PET-G

Easy-to-print filament with high impact strength

- Polyethylene Terephthalate Glycol (PET-G)
- High impact strength
- Excellent flexibility
- Almost no warping or shrinkage
- Hydrophobic (does not absorb water)
- Food packaging grade pellets used
- Odour neutral
- Main applications: concept modelling for mechanics, medical, food containers, transparent objects.

PART NO.	COLOUR	RAL CODE	WEIGHT	
<b>1.75 mm 2.85 mm</b>				
55052	55060	Black	9017	1 kg
55050	55058	White	9003	1 kg
55055	55063	Blue	5002	1 kg
55056	55064	Blue Transparent	-	1 kg
55053	55061	Red	3020	1 kg
55054	55062	Red Transparent	-	1 kg
55057	55065	Green Transparent	-	1 kg
55051	55059	Clear	-	1 kg



## PP

One of the most commonly used plastics in industry with good mechanical properties

- Polypropylene (PP)
- Good mechanical properties of stiffness and tensile strength
- Resistant to acids, alkalis and organic solvents
- Very light with good transparency
- Food package grade pellets used
- Hinge properties
- Main applications: Technical products, automotive, mechanical engineering, prototypes, toys.

PART NO.	COLOUR	RAL CODE	WEIGHT	
<b>1.75 mm 2.85 mm</b>				
55952	55953	Natural	-	500 g





## Durabio

Developed as a glass substitute by Mitsubishi Chemical and already adopted in the automotive and mobile phone industries for items such as touch screens, console and dashboard trims and exterior radiator grilles.

- Combines the properties of Polycarbonate (PC) and Polymethacrylate (PMMA)
- Excellent optical and mechanical properties
- High heat, scratch and abrasion resistance
- UV resistance
- Environmentally friendly - BPA free and based on a renewable source (isosorbide)
- Main applications: Concept modelling for the building, electrical and automotive industry.

PART NO.		COLOUR	RAL CODE	WEIGHT
1.75 mm	2.85 mm			
55152	55155	Black	9005	500 g
55150	55153	White	9003	500 g
55151	55154	Clear	-	500 g



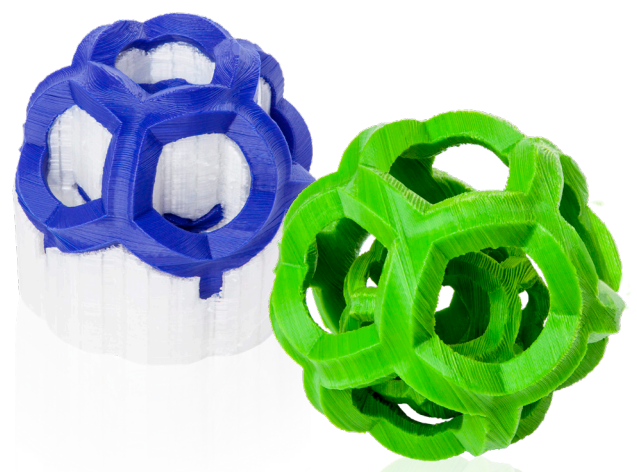
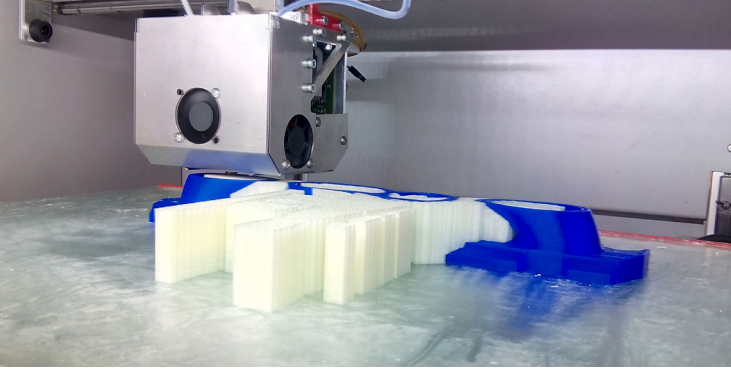
## Tefabloc TPE

High performance flexible filament, offering excellent low temperature properties and a high level of hardness stability across a wide temperature range, making it particularly suited for outdoor applications.

- Thermoplastic polyester elastomer (TPE)
- Highly flexible with good shape retention
- Resistant to oil, grease, abrasion and solvents
- Good weather resistance
- Main applications: Flexible items such as brackets, insoles for shoes, hoses, bracelets, insulation, balls and wheels.

PART NO		COLOUR	RAL CODE	WEIGHT
1.75 mm	2.85 mm			
55511	55513	Black	9005	500 g
55510	55512	White	9003	500 g





## BVOH

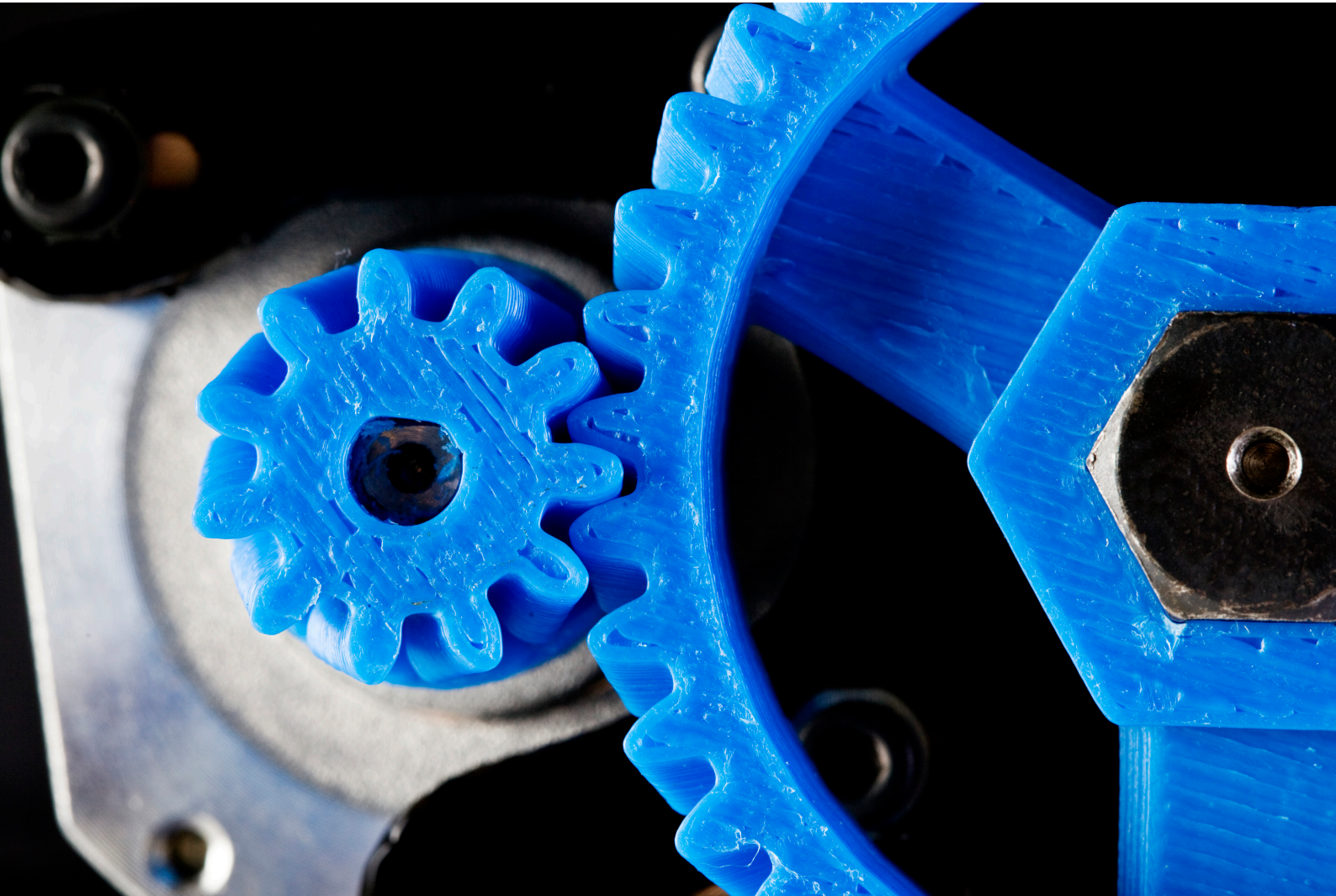
Water soluble support material that can be used with a number of different polymers and easily dissolved in cold water.

- Butenediol Vinyl Alcohol Co-polymer (BVOH)
- Environmentally friendly - waste can be poured into drain\*
- Excellent layer-forming and adhesion
- Best in combination with ABS, PLA, and PET material
- High solubility
- Main applications: Support material for printing objects with overhangs or complex structures.

\*>20 times weight of water to this material required for disposal (i.e >20cc water to 1g BVOH) with a maximum of 2kg of BVOH per day.

PART NO	COLOUR	RAL CODE	WEIGHT	
1.75 mm 2.85 mm				
55903	55904	Transparent	-	500 g





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