



**Up to 90% recycled filament, free of foreign debris**

**100% recycled plastic spools**

**±0.05mm diameter tolerances**

**Minimum of 95% roundness**

**Vivid pigment**

## **What the world needs**

There is a clear environmental need for recycled filament globally. For instance, did you know, 90% of all plastics we use come from non-renewable sources? As 3D printing grows, this will only exacerbate the issue. Yes PLA is plant-based but it is not the answer – bioplastics (such as PLA) compete for land with food crops and biofuels and so without proper management, the demand for 3D printing filament could challenge food and energy security. In landfill, PLA can take hundreds of years to break down naturally.

## **Recycled filament – The solution?**

Make use of what we already have. Polymer extrusion creates waste – such as failed runs, off cuts and excess material. At Filamentive, we partner with expert polymer extrusion firms. Those that make fishing lines, fencing wire and of course 3D printing filament. We ensure only homogeneous waste is used to be remanufactured into recycled PLA (rPLA) filament. We have also created synergies with local recycled partners that produce the best quality, recycled pellets for use as feedstock for other Filamentive materials, such as recycled ABS filament and recycled PETG filament.

Part number	Colour	Diameter	Weight	Recommended printing temperature	Recommended heated bed temperature
<b>rPLA</b>					
10865	Black	1.75mm	750g	190-220°C	50-60°C
10866	White	1.75mm	750g	190-220°C	50-60°C
10867	Silver	1.75mm	750g	190-220°C	50-60°C
10868	Grey	1.75mm	750g	190-220°C	50-60°C
10869	Red	1.75mm	750g	190-220°C	50-60°C
10870	Dark Blue	1.75mm	750g	190-220°C	50-60°C
10871	Orange	1.75mm	750g	190-220°C	50-60°C
10872	Gold	1.75mm	750g	190-220°C	50-60°C
10873	Green	1.75mm	750g	190-220°C	50-60°C
10874	Yellow	1.75mm	750g	190-220°C	50-60°C
10875	Black	2.85mm	750g	190-220°C	50-60°C
10876	White	2.85mm	750g	190-220°C	50-60°C
10877	Silver	2.85mm	750g	190-220°C	50-60°C
10878	Grey	2.85mm	750g	190-220°C	50-60°C
10879	Red	2.85mm	750g	190-220°C	50-60°C
10880	Dark Blue	2.85mm	750g	190-220°C	50-60°C
10881	Orange	2.85mm	750g	190-220°C	50-60°C
10882	Gold	2.85mm	750g	190-220°C	50-60°C
10883	Green	2.85mm	750g	190-220°C	50-60°C
10884	Yellow	2.85mm	750g	190-220°C	50-60°C
10885	Black	1.75mm	2.3kg	190-220°C	50-60°C
10886	White	1.75mm	2.3kg	190-220°C	50-60°C
10887	Silver	1.75mm	2.3kg	190-220°C	50-60°C
10888	Grey	1.75mm	2.3kg	190-220°C	50-60°C
10889	Red	1.75mm	2.3kg	190-220°C	50-60°C
10890	Dark Blue	1.75mm	2.3kg	190-220°C	50-60°C
10891	Black	2.85mm	2.3kg	190-220°C	50-60°C
10892	White	2.85mm	2.3kg	190-220°C	50-60°C
10893	Silver	2.85mm	2.3kg	190-220°C	50-60°C
10894	Grey	2.85mm	2.3kg	190-220°C	50-60°C
10895	Red	2.85mm	2.3kg	190-220°C	50-60°C
10896	Dark Blue	2.85mm	2.3kg	190-220°C	50-60°C
<b>rPETg</b>					
10897	Black	1.75mm	750g	195-235°C	50-80°C
10898	White	1.75mm	750g	195-235°C	50-80°C
10899	Transparent	1.75mm	750g	195-235°C	50-80°C
10900	Black	2.85mm	750g	195-235°C	50-80°C
10901	White	2.85mm	750g	195-235°C	50-80°C
10902	Transparent	2.85mm	750g	195-235°C	50-80°C
10903	Black	1.75mm	2.3kg	195-235°C	50-80°C
10904	White	1.75mm	2.3kg	195-235°C	50-80°C
10905	Transparent	1.75mm	2.3kg	195-235°C	50-80°C
10906	Black	2.85mm	2.3kg	195-235°C	50-80°C
10907	White	2.85mm	2.3kg	195-235°C	50-80°C
10908	Transparent	2.85mm	2.3kg	195-235°C	50-80°C

<b>rABS</b>					
10909	Black	1.75mm	750g	240-260°C	75-80°C
10910	White	1.75mm	750g	240-260°C	75-80°C
10911	Black	2.85mm	750g	240-260°C	75-80°C
10912	White	2.85mm	750g	240-260°C	75-80°C
10913	Black	1.75mm	2.3kg	240-260°C	75-80°C
10914	White	1.75mm	2.3kg	240-260°C	75-80°C
10915	Black	2.85mm	2.3kg	240-260°C	75-80°C
10916	White	2.85mm	2.3kg	240-260°C	75-80°C
<b>Wood</b>					
10917	Light	1.75mm	750g	200-230°C	40-60°C
10918	Dark	1.75mm	750g	200-230°C	40-60°C
10919	Light	2.85mm	750g	200-230°C	40-60°C
10920	Dark	2.85mm	750g	200-230°C	40-60°C
<b>Carbon Fibre</b>					
10921	Natural Dark Grey	1.75mm	750g	230-260°C	40-60°C
10922	Natural Dark Grey	2.85mm	750g	230-260°C	40-60°C