



rPETg

Grey, Silver, Blue, Red, Orange, Green

Prints like PLA, strong like ABS. Perfect hybrid.

Description

Our brand new rPETg colours are made from post-industrial recycled plastic - 99.5% recycled content. Like our current rPETg line, this filament is strong, does not warp, and is odour-neutral - a perfect all-rounder, ideal for those strong and durable parts. Please note - rPETg colours originate from a different source compared to our black, white and transparent colours. As such, we advise to print slightly hotter, with a lower fan speed.

		Test Method	Typical Value
<i>Physical Properties</i>	Specific Gravity	ISO 1183	1.25 g/cc
	Melt Flow Rate	ISO 1133	7.3 gr/10 min

		Test Method	Typical Value
<i>Mechanical Properties</i>	Impact Strength	ISO 179	4.9 kJ/m ²
	Tensile Strength at Yield	ISO 527	46 MPa
	Strain at Yield	ISO 527	4%
	Strain at Break	ISO 527	61%
	Tensile Modulus	ISO 527	2050 MPa

		Test Method	Typical Value
<i>Thermal Properties</i>	Printing Temperature	-	240±10°C
	Heat Deflection Temperature	-	-

	Diameter	Tolerance	Roundness
<i>Filament Specifications</i>	1.75mm	± 0.05mm	>95%
	2.85mm	± 0.10mm	>95%