



## Technical data sheet

### PRINT IT! PETG

Use	Material for FDM/FFF 3D printing additive technology		
Material	Polyethylene terephthalate glycol		
Diameter	1,75 mm		
Diameter tolerance	± 0,02 mm		
Key properties	Easy printable material		
	High mechanical and heat resistance		
Solvents	Acetaldehyde		
	Benzene		
Netto weight	200 g ± 5 %		
	1000 g ± 5 %		
	3000 g ± 5 %		
Packaging	Vacuumed in a ZIP bag and packed in a paper box		
<b>Printing properties</b>			
Nozzle temperature	230 °C ± 5 °C		
Heatbed temperature	70 °C ± 10 °C		
Nozzle	All diameters		
Surface bed	Commons for FDM printing		
Printer space	Open / Closed		
<b>Material properties</b>			
Thermal	Vicat softening temperature	ISO 306	85 °C
	Heat deflection temperature	ISO 75	70 °C
Mechanical	Impact strenght	ISO 179	11 kJ/m <sup>2</sup>
	Flexural modulus	ISO 178	1880 Mpa
Physical	Density	ISO 1183/B	1,27 g / cm <sup>3</sup>
	Melt flow index	ISO 1133	11 g / 10 min
<b>Contact information</b>			
Company	PRINT IT! SE, Altajská 1568/2, 100 00 Praha 10		
Email	<a href="mailto:support@printitfilaments.com">support@printitfilaments.com</a>		