

**3DCity PETG + hyper**, *El PETG Hyper es un filamento de nueva generación diseñado para impresión 3D de alta velocidad 400-600 mm/s sin comprometer la calidad y precisión de las piezas. Su fórmula avanzada ofrece una combinación perfecta de resistencia, transparencia y facilidad de impresión, siendo ideal tanto para aplicaciones funcionales.*



Physical Properties		Typical Value	Test Method	
Material Density		1.27g/cm <sup>3</sup>	ASTM D1505	
Mechanical Properties		Typical Value	Test Method	
Tensile strength break		45-50Mpa	ASTM D638	
Elongation at break		7%	ASTM D638	
Flexural Strength		55-60Mpa	ASTM D790	
Flexural Modulus		2150Mpa	ASTM D790	
Thermal Properties		Typical Value	Test Method	
Heat Distortion temperature		74°C	ASTM D648	
Vicat Softening temperature		83°C	ASTM D1525	
Transmittance		89%	ASTM D1003	
Dielectric strength		16KV/mm	ASTM 149	
Surface Resistivity		10(16)	ASTM D257	
Printing properties		Typical Value	Typical Value	
Printing temperature			210-230 °C	
Hot Pad			0-40°C	
Fan layer			off(Max20%)	
Size	N.W	G.W	Diameters	Packing Characteristics
M	300g	450g	1.75mm	SmartBag ,Security Seal
XM	500g	700g	1.75mm/2.85mm/3.00mm	SmartBag ,Security Seal
L	1000g	1200g	1.75mm/2.85mm/3.00mm	SmartBag ,Security Seal



**Nota:** None of our filament is produced with recycled material in order to get the highest quality filaments