

3DCity PLA+ hyper 3 Es un PLA especial con un índice de fluidez (MFI) más alto y puede imprimirse a una velocidad de 400-600 mm/s.



Physical Properties		Typical Value	Test Method	
Material Density		1.17g/cm ³	ISO1183	
Physical Parameters (Injection)	Typical Value	Test Method		
Melt Flow Rate	65g/10min	ISO1133		
Tensile Strength	47MPa	ISO 527-2		
Tensile Elongation	15%	ISO 527-2		
Flexural Strength	60Mpa	ISO 178		
Flexural Module	2300Mpa	ISO 178		
Charpy Notched Impact	18KJ/m ²	ISO 179-1		
Izod notched impact	18KJ/m ²	ISO 180		
Vicat Softening Temperature	70°C	ISO306		
Heat deflection temperature	55°C	ISO 75/A		
Physical Parameters (3D Printing)	Typical Value	Test Method		
Tensile Strength	34MPa	GB/T 1040.1-2006		
Bending modulus	1680MPa	GB/T 1040.1-2006		
Bending strength	44-47Mpa	GB/T 1040.1-2006		
Elongation at Break	1.2-1.7%	GB/T 1040.1-2006		
Printing 100% Infilling Parameter		Typical Value		
Printing temperature		240-260°C		
Platform temperature		85-110°C		
Size	N.W	G.W	Diameters	Packing Characteristics
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