

3DCity ABS + Hyper El ABS Hyper es un filamento avanzado diseñado para impresión 3D de alta velocidad (400-600 mm/s), con una mayor resistencia al impacto, durabilidad y estabilidad térmica en comparación con el ABS convencional. Su fórmula mejorada minimiza la deformación (warping), permitiendo impresiones más precisas y confiables.



Physical Properties		Typical Value		Test Method
Melt flow rate (200°C/2.16Kg)		g/10min	8-12	GB/T 3682-2000
Material Density (A)		g/cm ³	1.07	GB/T 1033.1-2008
Mechanical Properties		Typical Value		Test Method
Glass transition temp		106.7		GB/T 19466.3-2004/ISO 11357-3:1999
Tensile strength break(50mm/min)		33.2Mpa		GB/T 1040.2-2006
Tensile strength rate(50mm/min)		2.9%		GB/T 1040.2-2006
Thermal Properties		Typical Value		Test Method
Heat Distortion temperature		106°C		ASTM D648
Notched Impact Strength		kJ/m ² P16		GB/T 1043.1-2008/ISO 179-1:2000
Load deformation temperature		87°C		GB/T 1634.2-2004
Bending modulus		2200MPA		GB/T 9341-2008/ISO 178: 2001
bending strength		50-60MPA		GB/T 9341-2008/ISO 178: 2001
Molding shrinkage		0.5%		GB/T 17037.4-2003/ISO 294-4: 2001
Printing properties		Typical Value		
Printing temperature		230-250 °C		
Hot Pad		80-120°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