

Hyper Series PLA

More Than Just High Speed



Better Fluidity



Faster Cooling

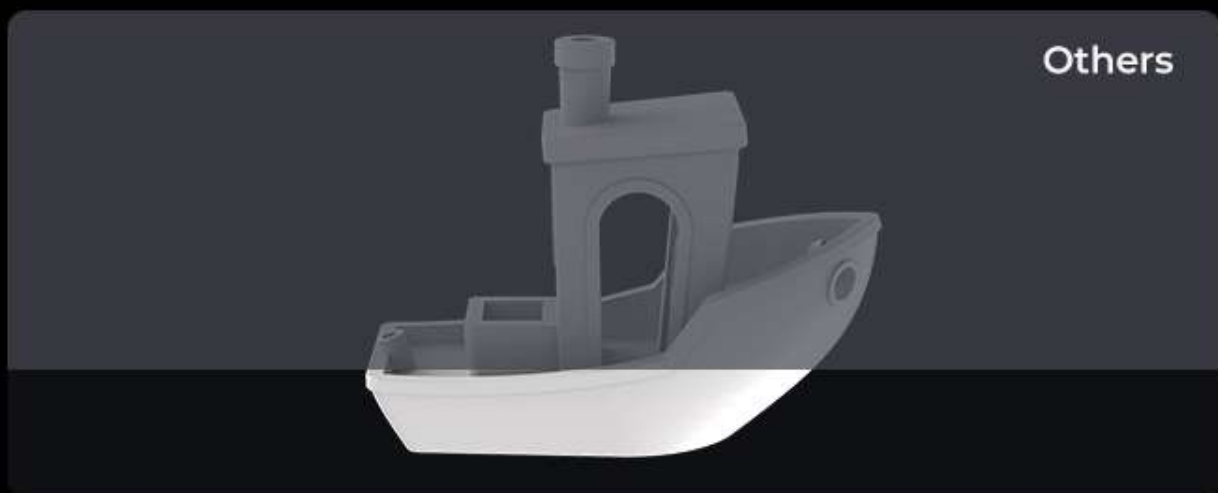


High Precision




10x Faster Printing, Speed Up Your Creativity

Thanks to the high fluidity and fast cooling formula, Hyper Series PLA supports up to 600mm/s print speed. High fluidity provides sufficient melting and extrusion, while rapid cooling provides fast shaping for high-speed printing.

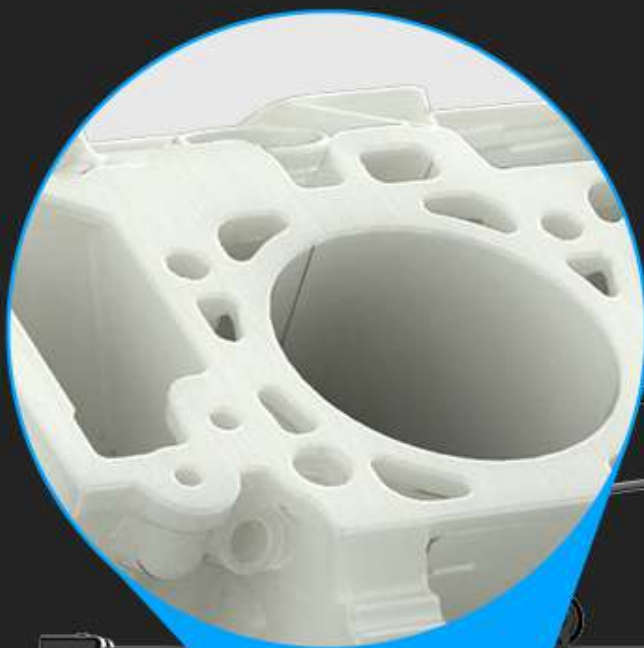


Hyper PLA  30min (300mm/s)

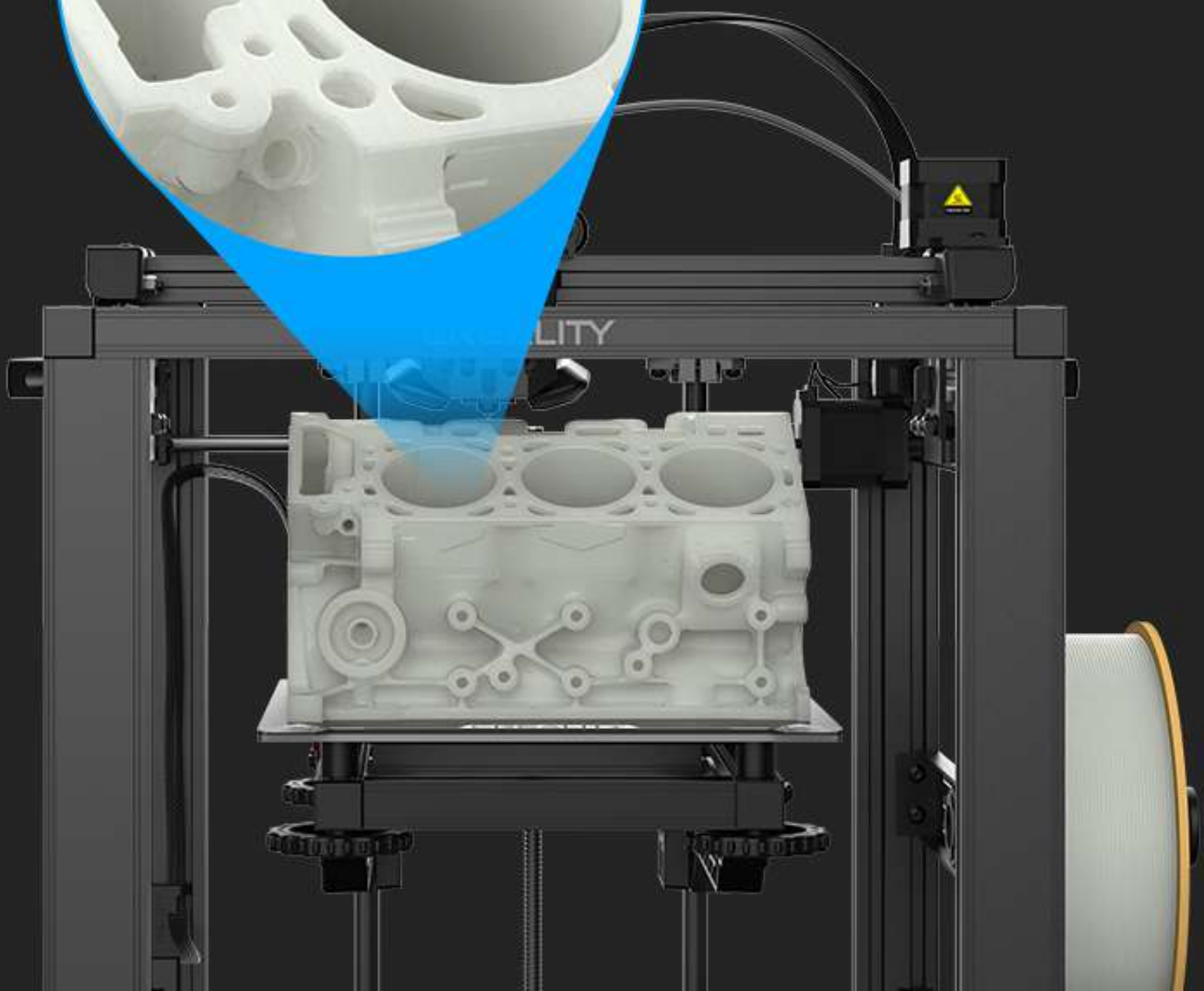
Others  1h 30min

Keep Precision While Keeping Ultra-high Speed

High stability ensures small changes in thermal expansion and cold contraction even when printing at high speeds, bringing high precision in dimensions and better results.



Compatible with high-speed and normal-speed printing



Higher Toughness for Stronger Models

With higher tensile strength than ABS and higher toughness than traditional PLA, Hyper Series PLA brings better structural bearing capacity of the printed models.



Hyper PLA vs ABS	Tensile strength	Bending strength
Hyper PLA	52.99Mpa	92.38Mpa
ABS	46Mpa	68Mpa

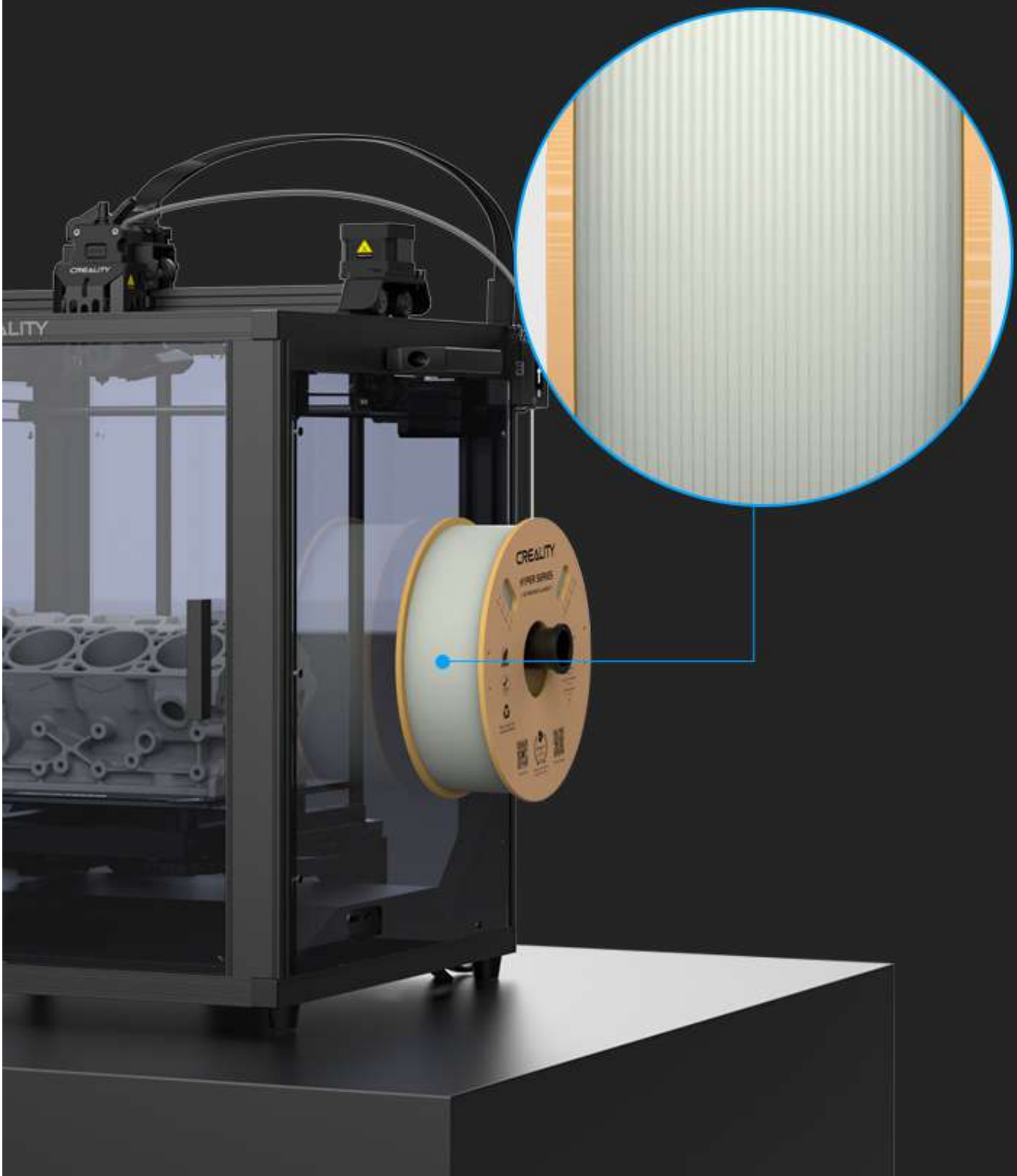
Uniform Wire Diameter, Stable Extrusion

Based on two-way laser diameter measurement, the filament diameter accuracy is $1.75 \pm 0.03 \text{mm}$, which makes it flow out more smoothly.



Neat Winding with Smooth Printing

Precise filament diameter control and automatic winding arrangement are combined to ensure smoother printing without tangling.



Eco-friendly Packaging, Reducing Carbon Emissions

Paper Thread Reel Eco-friendly Box



Better Filament Plan

Get the best result by combining Creality's filaments with Creality's 3D printers.



Highly Compatible with
Creality's 3D Printers



Made from
High-quality Materials



Share Model Library on
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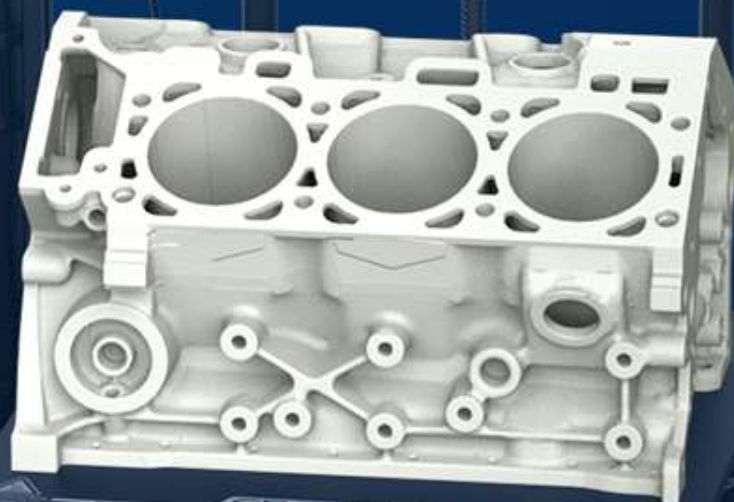
Highly Compatible with Creality's 3D Printers

Continuous machine and filament tests ensure a high degree of adaptability.



Made from High-quality Materials

Globally selected raw materials and strict quality control deliver excellent printing performance and printing results.



Share Model Library on Creality Cloud

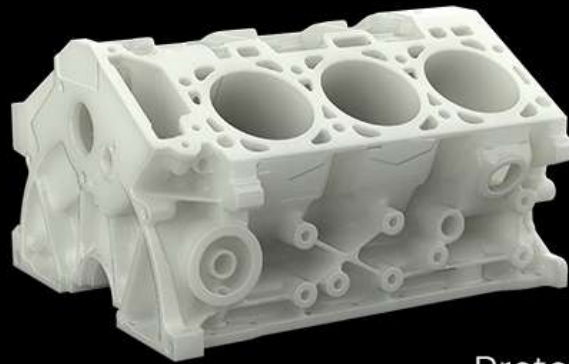
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Free Modeling, Online Slicing & Printing,
Community Sharing



300,000+ Model



Application Field



Prototyping



Figurines



Machine Parts



Mass Production

Product Parameters

Product Name: Hyper Series PLA

Wire Diameter: 1.75±0.03mm

Net Weight: 1Kg/2.2lb

Gross Weight: 1.29Kg/2.8lb

Package Size: 210*210*70mm

Density: 1.25g/cm³

Tensile Strength (X-Y): 52.991Mpa

Tensile Modulus (X-Y): 1146.064

Elongation at Break: 6.304%

Bending Strength (X-Y): 92.381Mpa

Flexural Modulus: (X-Y): 2490.178Mpa

Charpy Impact Strength (X-Y): 8.8344kJ/m²

Printing Temperature: 190-230°C

Hot Bed Temperature: 250~600

Printing Speed: 30-600mm/s

Fan: 100%

Printing Platform: Carbon Silicon, PEI Platform Board,
Textured Paper, PVP Solid Glue
