

CREALITY[®] HP ULTRA 3D Printing Filament

Co-developed by Creality and BASF



Enabled by BASF Forward AM

 **BASF**
We create chemistry

 **FORWARD AM**
Innovating Additive Manufacturing

High Quality Raw Materials

Easy to print with stable quality, effectively avoid warping and nozzle clogging

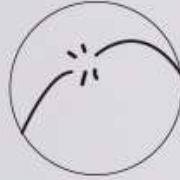


Neat Winding Process

Ensure the quality for long-time printing with large parts to avoid tangles and jamming



jamming-free



breaking-free

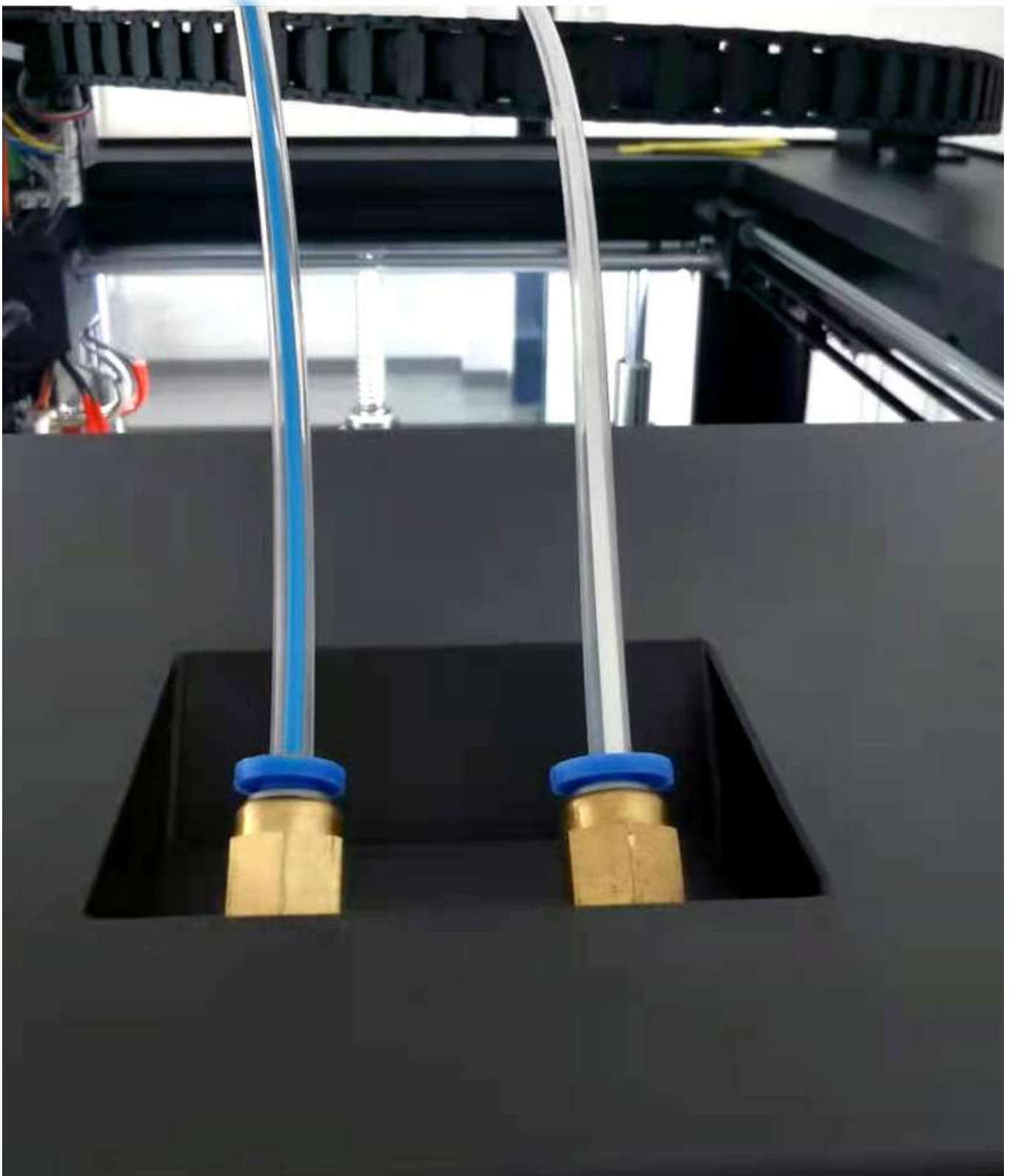


worry-free



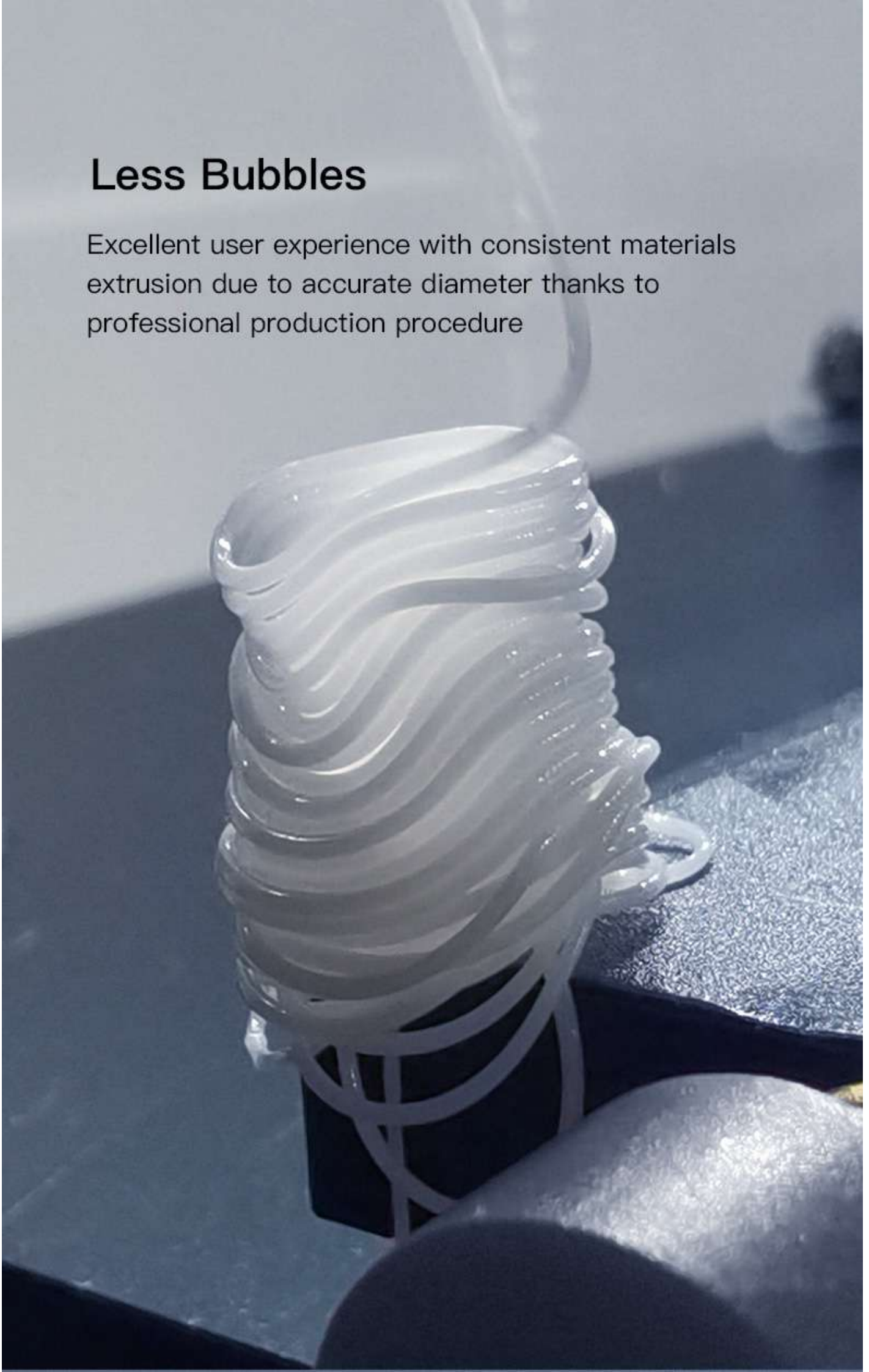
Not Easy to Break

High quality filament that can provide cares for your printer



Less Bubbles

Excellent user experience with consistent materials extrusion due to accurate diameter thanks to professional production procedure





No Odor

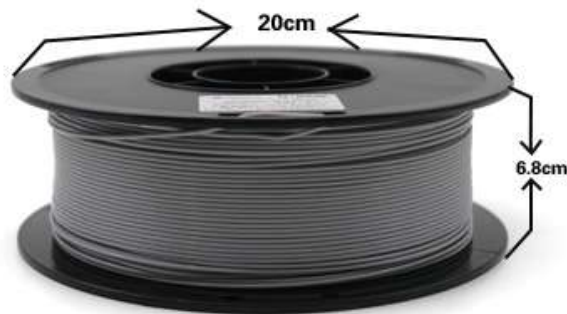
Environmentally friendly materials originated from biodegradable PLA, without pungent odor



Filament Parameters

General Properties	Standard	Values
Filament Density	ISO 1183-1	1239 kg/m ³

Mechanical Properties	Standards	Values	
		XY	ZX
			
Young's Modulus	ISO 527	2440 MPa	2074 MPa
Tensile Strength	ISO 527	32.18 MPa	20.16 MPa
Elongation at Break	ISO 527	5.28%	1.2%
Impact Strength Izod (unnotched)	ISO180	24.2 kJ/m ²	7.5 kJ/m ²



Specially designed for Creality Printer

Nozzle Temperature	200–220°C
Bed Temperature	60–80°C
Nozzle Diameter	≥0.4mm
Bed Additives	Tape, Glue
Print Speed	40–80 mm/s

Models



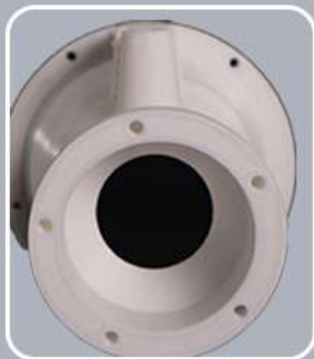
8x7x5cm

lamb

We focus on details,
Smooth filament & compact structure
for a high precision & high gloss surface

11x11x11cm

manifold



28x28x**0.05** cm

large-size **sheet**

only about 1/4 of the thickness of a \$1 coin

Smooth and minimal warping

Fine and compact layout

Thinness and toughness
are all yours



Colors for Your Preference



Red



Black



Green



Gray



Orange



White



Blue

Contact us for more colors

Sealed Vacuum Packing

15–25°C
Optimum storage
temperature

Desiccant contained for dryness and quality



Please store the filament in its original sealed package and keep it in a clean and dry environment.

Compatible Printers

100% compatible with Creality's Ender printer and CR printer



Better Filament Plan



Certification & Authorization



Highly Matched with
Creality Printers



Eco-system Bio-based
Materials



Share Model Hub



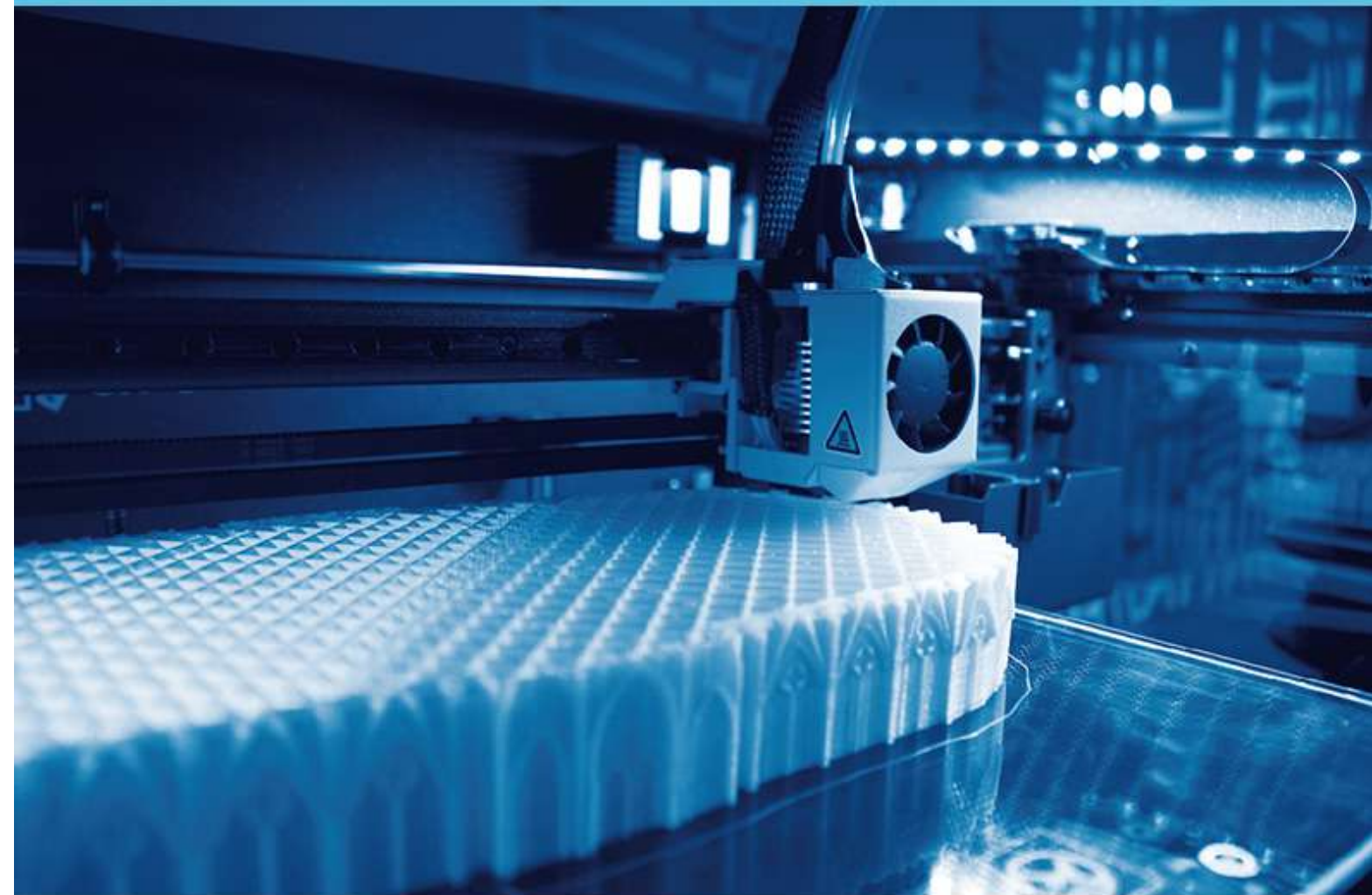
Industry Research
and Communication



Coestablish Industry
Standards



Cooperation Background



Creality holds the mission to become an evangelist in 3D printing industry, facilitating people to enjoy the convenience brought by technology. By partnering with Forward AM, a brand of BASF, Creality officially launches its new range of 3D printing filament– HP Ultra PLA, enabled by BASF. With high quality and excellent material performance, HP Ultra PLA provides customers the freedom to explore the endless possibility of 3D printing, to create reality and fulfill dreams.