

Support Compatibility for Ultrafuse® Filaments

Discover our Support Solution Portfolio for Ultrafuse® Filaments

Ultrafuse® Support Filaments by BASF Forward AM are the perfect addition to our Filament portfolio. As a soluble support structure, they allow far greater design freedom in manufacturing of complex 3D geometries with Fused Filament Fabrication (FFF).

	Ultrafuse®	Single Material Breakaway	Ultrafuse® BVOH	Ultrafuse® HIPS
Standard	PLA	✓	✓	X
	PET	✓	✓	✓
	ABS	✓	X	✓
	rPET	✓	✓	✓
	PP	X	X	X
Engineering	PLA Tough	✓	✓	✓
	PLA PRO1	✓	✓	✓
	ABS Fusion+	○	✓	✓
	ASA	X	X	✓
	PA	✓	✓	X
	PC/ABS FR	✓	X	✓
Flexible	TPU 85A	✓	✓	✓
	TPU 95A	X	✓	X
	TPU 64D	✓	✓	✓
	TPS 90A	X	X	X
	TPC 45D	✓	X	X
Reinforced	PET CF15	✓	✓	✓
	PAHT CF15	○	✓	X
	PP GF30	X	X	X
	PA6 GF30	○	✓	X
	PC GF30	○	X	X
HT	PPSU	X	X	X

✓ HS Compatible and validated for high-speed printing with Ultrafuse® filaments

✓ Compatible

○ To be validated

X Not compatible

Support Compatibility for Ultrafuse[®] Filaments

The Ultrafuse[®] Filament portfolio in combination with XIONEER[®] VXL Soluble Support Filaments, provides a reliable solution for high-speed printing of complex designs and accelerated dissolving in combination with the XIONEER[®] Vortex EZ Support Removal Station. This station can also be used to decrease the dissolving time of Ultrafuse[®] BVOH in water! The XIONEER[®] products can be purchased at www.xioneer.com.

Ultrafuse [®]		XIONEER [®] VXL 70	XIONEER [®] VXL 90	XIONEER [®] VXL 111	XIONEER [®] VXL 130
Standard	PLA	✓	✓	X	X
	PET	✓HS	✓ HS	✓HS	X
	ABS	X	✓ HS	✓ HS	X
	rPET	X	✓ HS	✓HS	X
	PP	X	X	X	X
Engineering	PLA Tough	✓	✓ HS	X	X
	PLA PRO1	✓HS	✓ HS	X	X
	ABS Fusion+	X	✓ HS	✓ HS	X
	ASA	X	✓HS	✓HS	X
	PA	X	✓HS	✓HS	X
	PC/ABS FR	X	✓HS	✓HS	X
Flexible	TPU 85A	○	○	○	X
	TPU 95A	○	○	○	X
	TPU 64D	○	○	○	X
	TPS 90A	○	○	○	X
	TPC 45D	○	○	○	X
Reinforced	PET CF15	X	✓ HS	✓HS	X
	PAHT CF15	X	✓ HS	✓ HS	X
	PP GF30	X	X	X	X
	PA6 GF30	X	✓HS	✓HS	X
	PC GF30	X	○	✓HS	✓HS
HT	PPSU	X	X	X	X

- ✓ HS Compatible and validated for high-speed printing with Ultrafuse[®] filaments
- ✓ Compatible
- To be validated
- X Not compatible