

Standard materials

Name	Density	Max operating Temperature	Elongation At break	Max tensile Stress	Flammability UL94	Best for	Nozzle	Heated chamber
ABS	1,05	85°	5,52%	1500	HB	General use	Std	Yes
ABS ESD	1,07	85°	5,50%	1539	HB	Reduce static electricity to protect electrostatic devices	Std	Yes
ASA	1,1	90°	5,10%	1600	HB	Good UV resistance and surface finish	Std	Yes
NPOWER	1,27	210°	7,40%	1966	V0	Self extinguishing, High temperature, High chemical resistance	Std	Yes
PACF	1	120°	8,10%	2450	HB	High fatigue resistance	Anti ab.	Yes
PAGF	1,18	120°	8,00%	2350	HB	High impact resistance	Anti ab.	Yes
PCABS	1,13	109°	8,40%	2006	HB	Fast printing, plating, high impact resistance	Std	Yes
PETG	1,27	75°	12,00%	2150	---	Good chemical and fatigue resistance	Std	No
PLA	1,23	55°	4,16%	TBA	---	Cheap printing	Std	No
Elasto95	1,22	74°	580,00%	TBA	---	Elastic parts	Std	No

Support polymers

Name	Removal	Solvent	Compatible with	Heated chamber
SSU00	MANUAL	Limonene	ABS - ABS ESD - ASA - PCABS	Yes
SSU01	SOLUBLE	55° C Water + 20% NaOH	ABS - ASA	Yes
SSU02	MANUAL	None	PAGF - PACF	Yes
SSU03	SOLUBLE	Water	Elasto95 - PLA - PETG	No
SSU04	TBA	TBA	TBA	---
SSU05	MANUAL	None	nPOWER	Yes

The information is supplied as informative: user should use it as material selection tool and/or comparison with available materials.