

eSUN[®] 3D PRINTING FILAMENT

(Φ : 1.75mm / 3.00mm)

FILAMENT	Print Temp(°C)	Bed Temp(°C)	Density (g/cm ³)	Distortion Temp (°C,0.45MPa)	Melt Flow Index (g/10min)	Tensile Strength (MPa)	Elongation at Break (%)	Bending Strrength (MPa)	Bending Strength (MPa)	IZOD Impact Strength (kJ/ m ²)
PLA	190-210	No Heat/(60-80)	1.24	56	5(190°C/2.16kg)	65	8	97	3600	4
PLA-	205-225	No Heat/(60-80)	1.24	52	2(190°C/2.16kg)	60	29	87	3642	7
ABS	220-260	110	1.04	78	12(220°C/10kg)	43	22	66	2348	19
ABS+	220-260	110	1.06	73	15(220°C/10kg)	40	30	68	2443	42
HIPS	220-260	110	1.05	80	3(200°C/5kg)	27	55	39	2280	11
PETG	230-250	No Heat/80	1.23	64	20(250°C/2.16kg)	49	228	68	2027	8
PVA	180-210	No Heat/(60-80)	1.25	/	/	22	360	/	/	/
WOOD	190-220	No Heat/80	0.70	45	15(190°C/2.16kg)	/	/	/	/	/
COLOR CHANGE	190-220	No Heat/(60-80)	1.24	58	11(190°C/2.16kg)	65	5	97	3600	4
CLEANING	160-300	/	0.95	45	/	23	580	/	/	29
BRONZE	180-210	No Heat/60	1.27	50	62(190°C/2.16kg)	66	16	106	4442	4
eCopper	200-220	40	2.46	52	/	40	4	64	4954	4
eAl-fill	200-220	No Heat/40	1.48	52	/	45	5	74	4885	4
ePA	230-260	80-110	1.12	50	5(230°C/2.16kg)	57	196	57	1495	15
ePC	235-260	110	1.20	93	45(300°C/1.2kg)	57	160	80	2333	48
eFlex	210-230	No Heat	1.12	/	/	52	500	/	/	/
eElastic	210-230	No Heat	1.14	/	/	32	420	/	/	/
eMorph	80-110	45	1.33	51	4(110°C/2.16kg)	17	228	25	849	23
eMate	70-100	/	1.16	52	/	18	11	29	940	8
CERTIFICATION										



CONTACT US:

TEL: +86 755 8658 1960
 Email: bright@brightcn.net
 Web: www.esun3d.net
 WhatsApp: +86 186 8883 3126

