

PPSU / PPSU MG

Product Information



Our PPSU (Polyphenylsulfone)

is a high-performance, amorphous thermoplastic known for its excellent thermal stability, toughness, and resistance to repeated steam sterilization. It is widely used in medical, aerospace, and plumbing applications.

Characteristics:

- High heat resistance
- Excellent Hydrolysis Resistance
- Superior Impact Strength
- Chemical Resistance
- Biocompatibility
- Dimensional Stability

PPSU Variants

PPSU (General Grade)

is a tough, amorphous thermoplastic with excellent heat and hydrolysis resistance. It is a preferred material for applications requiring repeated sterilization and resistance to aggressive chemicals.

Application for PPSU:

- Plumbing
- Aerospace
- Food and beverages
- Membrane Housing & Water Filtration

PPSU (Medical Grade)

is a high-performance plastic specifically formulated for demanding medical and healthcare applications. It offers excellent sterilization resistance, mechanical strength, and biocompatibility. It's a polyphenolsulfone (PPSU) product offering a balance of properties including chemical resistance, impact strength, and thermal stability.

Application for PPSU:

- Surgical and dental
- Sterilization trays
- Endoscopic componets
- Orthopedic implants

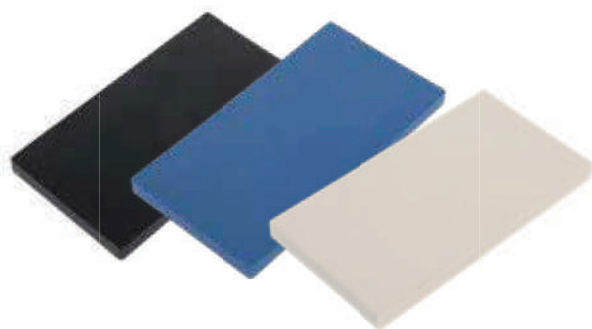
PPSU

Product Charts

Sheets



SHEETS PPSU	Thickness mm	Weight kg/item	Avail- ability
1250 x 620 mm	10	11.05	S
	12	13.06	S
	15	16.07	S
	20	21.10	S
	25	26.12	S
	30	31.14	S
	35	36.16	S
	40	41.19	S
	45	46.21	S
	50	51.23	S
	55	56.26	S



Colours:

White, Black and Blue
Other colours available on request

Round Bars



ROUND BARS PPSU	Ø mm	Weight kg/item L = 1000 mm	Avail- ability
	15	0.29	S
	20	0.49	S
	25	0.74	S
	32	1.17	S
	35	1.39	S
	38	1.62	S
	40	1.79	S
	45	2.24	S
	50	2.74	S
	65	4.55	S
	70	5.25	S
	75	6.00	S
	80	6.81	S
	85	7.66	S
	90	8.57	S



Colours:

White, Black, Blue, Grey and Yellow
Other colours available on request

For further dimensions, please contact us directly.

PPSU MG

Product Charts

Sheets



SHEETS PPSU MG	Thickness mm	Weight kg/item	Avail- ability
1250 X 620 mm	3	4.02	S
	10	11.05	S
	12	13.06	S
	15	16.07	S
	20	21.10	S
	25	26.12	S
	30	31.14	S
	35	36.16	S
	40	41.19	S
	50	51.23	S
	55	56.26	S



Colours:

Natural(brownish), black, white, blue, red
Other colours available on request

Round Bars



ROUND BARS PPSU MG	Ø mm	Weight kg/item L = 1000 mm	Avail- ability
	15	0.01	S
	20	0.02	S
	25	0.04	S
	30	0.05	S
	32	0.07	S
	35	0.10	S
	38	0.11	S
	40	0.16	S
	45	0.19	S
	50	0.25	S
	65	0.28	S
	70	0.36	S
	75	0.43	S
	80	0.54	S
	85	0.67	S
	90	0.75	S



Colours:

White, Black, Blue, Grey and Yellow
Other colours available on request

For further dimensions, please contact us directly.

COMCOEPP

Engineering Plastic Products

We produce plastic stock shapes
and engineer tailor made solutions.



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