



Specialty Products: Extruded & Molded

Quality, Service, and Consistency

We have extensive experience with graphite manufacturing and applications. Customers have come to count on our team to identify potential problems before they happen. Our team is also available to help train your employees on the job, helping to reduce errors, and increasing productivity and profitability.

In addition, we offer many value added services, including: monitoring a trial, performance analysis, warehousing, monitoring furnaces, anti-ox coatings, re-packaging, and technical support.

We stand behind the quality and guarantee of all of our products. Give us a call and discover our products, service, and support.

	Properties	Particle Size	Apparent Density	Electrical Resistivity	Flexural Strength	Compressive Strength
	Grade	inches / μm	g/cm^3	$\Omega\text{inch} / \mu\Omega\text{m}$	psi / MPa	psi / MPa
BLOCK	PF	0.08 / 2.0	1.65	4.0 / 10.0	1850 / 13	3950 / 27
	PFR	0.03 / 0.8	1.72	3.1 / 8.0	2300 / 16	5100 / 35
	PFR-N	0.03 / 0.8	1.77	3.1 / 8.0	2750 / 19	5650 / 39
ROUND	PDF	0.03 / 0.8	1.67	4.0 / 10.0	2000 / 14	5000 / 30
	PDF-N	0.03 / 0.8	1.76	3.1 / 8.0	2600 / 18	5500 / 38
ROD	PRD	0.03 / 0.8	1.65	3.2 / 8.0	2300 / 16	5100 / 35
	PRD-N	0.03 / 0.8	1.72	3.0 / 7.5	2900 / 20	5800 / 40

Extruded/Molded-Overview1 Rev.0

NOTE: The above data should be regarded as general information, not guaranteed specification limits.

This information is not to be taken as a warranty of representation for which we will assume legal responsibility nor permission or recommendation to practice any patented invention without license. It is offered solely for your consideration, investigation and verification.





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	Properties	Particle Size	Apparent Density	Electrical Resistivity	Flexural Strength	Compressive Strength
	Grade	inches / μm	g/cm^3	$\Omega\text{inch} / \mu\Omega\text{m}$	psi / MPa	psi / MPa
BLOCK	PF	0.08 / 2.0	1.65	4.0 / 10.0	1850 / 13	3950 / 27
	PFR	0.03 / 0.8	1.72	3.1 / 8.0	2300 / 16	5100 / 35
	PFR-N	0.03 / 0.8	1.77	3.1 / 8.0	2750 / 19	5650 / 39
	PIR	0.03 / 0.8	1.72	3.0 / 7.5	2286 / 16	3571 / 25
	PJR	0.03 / 0.8	1.74	3.0 / 7.5	2714 / 19	4286 / 30
	PTC	0.03 / 0.8	1.72	3.4 / 8.5	2286 / 16	5429 / 38
	PTC-N	0.03 / 0.8	1.76	3.4 / 8.5	2857 / 20	6000 / 42
	PTC-HT	0.03 / 0.8	1.70	3.0 / 7.4	3143 / 22	5714 / 40
ROUND	PDF	0.03 / 0.8	1.67	4.0 / 10.0	2000 / 14	5000 / 30
	PDF-N	0.03 / 0.8	1.76	3.1 / 8.0	2600 / 18	5500 / 38
ROD	PE	0.08 / 2.0	1.68	3.2 / 8.0	2714 / 19	6571 / 46
	PID-N	0.03 / 0.8	1.76	3.0 / 7.5	2857 / 20	5000 / 39
	PRD	0.03 / 0.8	1.65	3.2 / 8.0	2300 / 16	5100 / 35
	PRD-N	0.03 / 0.8	1.72	3.0 / 7.5	2900 / 20	5800 / 40
AVAILABLE IN BLOCK OR ROD	CBY	0.03 / 0.8	1.66	3.6 / 9.0	2143 / 15	5143 / 36
	CS	0.03 / 0.8	1.74	3.3 / 8.2	2571 / 18	6571 / 46
	PGX	0.03 / 0.8	1.73	4.8 / 12.0	1429 / 10	4000 / 28
	PGW	0.03 / 0.8	1.63	3.7 / 9.3	1857 / 13	4857 / 34

Extruded/Molded-Overview2 Rev.0

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