



## GRAPHITE PLATES, RODS, AND MACHINED PARTS

A supplier of graphite and carbon products since 1895, Asbury provides industry with graphite plates, rods, pipe and machined parts. Common uses include run-out tables, rings, rollers, nozzles, crucibles, mixing rods, wear plates, sleeves, pipes, disks, sintering trays, spacers, susceptors, furnace liners and lubricating blocks for all industries. Our experience and R&D can assist you in adapting our products to meet your specifications

Grade	Description
745	Carbon rod which is an economical alternative to graphite
750	An economical graphite grade used for lubricating blocks, sintering trays, run-out tables and foundry wear plates
765	Graphite rod for mixing, spacers and casting
800	Durable mid grade graphite used for lubrication, trays, nozzles and other machined shapes.
850	Our highest grade of extruded graphite used for furnace liners, effluent pipe, various types of sleeves, rollers, rings and other machined shapes when more strength is needed.
IPG	Isomolded fine grain graphite where high strength is needed. This includes furnace liners, bearings, and other fine machined applications.

### Typical Properties

	745	750	765	800	850	IPG
Density (g/cc3)	1.68	1.63	1.65	1.70	1.75	1.78
Max Grain size (inches)	0.008	0.06	0.008	0.03	0.03	0.0022
Flexural Strength (psi)	4500	1800	3500	2000	2900	6500
Tensile Strength (psi)	-----	1200	-----	1500	2300	3900
Compressive Strength (psi)	-----	3600	-----	4100	6000	13000

When Quality, Reliability and Service matter, call Asbury –  
***YOUR SINGLE SOURCE FOR QUALITY GRAPHITE PRODUCTS***



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