

GRAFITE



Type	Brand	Impregnated Material	Volume Density	Antiflexural Strength	Compression Strength	Shore Hardness	Porosity	Thermal Expansion Coefficient	= Temperature	Feature	
				g/cm3	Mpa	Mpa	HS	%			10 <sup>-6</sup> /
石墨 Carbon	Pure carbon	M191 T	Pure carbon	1.80	100	250	92	1.2	5.5	600	Resistant acid & alkali, corrosion and high temperature
	Impregnated resin carbon	M106 K	Furane resin	1.65	65	210	90	2.0	5.5	200	Resistant acid & alkali, extensive use
		M120 K		1.70	62	180	85	2.0	5.0	200	
		M180 K		1.80	80	240	90	1.2	5.5	210	
		M200 K		1.82	55	115	55	1.2	4.5	210	
	M106 H	Epoxide resin	1.65	60	210	85	1.5	4.8	200	Resistant alkali	
	M106 F	Bakelite resin	1.75	60	200	85	2.0	5.0	200	Resistant acid	
	Impregnated metal carbon	M106 D	Antimony alloy	2.30	65	220	90	2.0	5.5	350	Resistant high temperature
		M120		2.30	60	220	90	2.0	5.5	350	