POWDER METALLURGY

Powder metallurgy is an increasingly important manufacturing process for metal components primarily in automotive industry. Graphite because of its unique physical and chemical characteristics forms an important component of the powder metallurgy mix.

Oxeeco's knowledge derived from over 40 years of working closely with powder metallurgists enables it to manufacture many grades to meet the complex requirements of the powder metallurgy industry. Consistent quality enables the customer to produce high quality components with negligible defective components.

GRADE	Carbon content min (%)	Oxidation resistance	Bulk Density (g/100cc)	Particle size distribution
UFG	99.0	99.40	0.16-0.18	+400# : Nil D90 : 10-12 Microns D50 : 5-8 Microns
B-12-12	98.5	99.50	0.21-0.22	-350# : 99.5% D90 : 15 Microns max D50 : 8-10 Microns
C-12-11	96.0-97.0	54.28	0.23-0.25	> 63 Microns
A-0-7	97.0	94.70	0.19.0.20	+400# : Nil D90 : 3 Microns avg.
B-1-12	98.0		0.23.-0.26	+240# : Nil +300# : 0.2% max. +400# : 0.5% max.
And as per customer's specific requirements