

C90710 Phosphorus Bronze

C90710 is a Phosphor Bronze Alloy which has Good to excellent corrosion resistance, Good cold workability for blanking, forming and bending and shearing.

TYPICAL APPLICATIONS:

Typical applications include Gears, bearings, heavy load bushes, worm wheels, general engineering components etc. requiring good strength coupled with high shock resistance



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Equivalent Specifications:

Specifications	BS	EN	JIS	DIN	IS	ISO	Russian
Designation	PB1	CC481K	-	-	-	CuSn11P-C	-

Chemical Composition:

	Cu	Pb	Sn	Zn	Fe	P	Ni	Al	S	Sb	Si
Min	-	-	10	-	-	0.05	-	-	-	-	-
Max	Rem.	0.25	12	0.05	0.1	1.20	0.10	0.005	0.05	0.20	0.005

Sizes Available:

TUBES	6.35 mm to 110mm
ROUND WIRES	1 mm to 11mm
ROUND RODS	1.2 to 250 mm
HEX RODS	Min. 5 mm to Max. 60 mm
SQUARE RODS	Min. 4 mm to Max. 60 mm
FLATS	Min. 4 mm thickness and max width of 120mm
PROFILES	As per customer drawings
HOLLOW RODS	Min Bore Size 20mm and Max OD 130mm