

## MATERIAL SPECIFICATION SHEET

### CU ALLOY - GUNMETAL [LG4]

Material	Form	Standard	Name/symbol	Number	Tensile strength $R_m$ N/mm <sup>2</sup> min.	0.2% proof strength $R_{p0.2}$ N/mm <sup>2</sup> approx.	Elongation A % min.	Equivalent	Allowable temperature range* °C	Max pressure* bar
Gunmetal [LG4]	Cast	BS EN 1982	CuSn7Zn2Pb3-C	CC492K	230	130	14	BS 1400 LG4	-10 to +260	-

\* For use as industrial valve body/bonnet material

### TYPICAL CHEMICAL COMPOSITION

Cu <sup>a</sup> %	Ni <sup>b</sup> (max) %	P (max) %	Pb %	Sn <sup>b</sup> %	Zn %	Al (max) %	Fe (max) %	S (max) %	Sb (max) %	Si (max) %
85.0 - 89.0	2.0	0.1	2.5 - 3.5	6.0 - 8.0	1.5 - 3.0	0.01	0.20	0.10	0.25	0.01

<sup>a</sup> Including nickel

<sup>b</sup> (Tin + ½ nickel) content shall be in the range 7.0% - 8.0%



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