

Material Specification Sheet

Cu Alloy - Gunmetal [LG2]

Material	Form	Standard	Name/symbol	Number	Tensile strength R_m N/mm ² min.	0.2% proof strength $R_{p0.2}$ N/mm ² approx.	Elongation A % min.	Equivalent	Allowable temperature range* °C	Max pressure* bar
Gunmetal [LG2]	Cast	BS EN 1982	CuSn5Zn5Pb5-C	CC491K	200	90	13	BS 1400 LG2	-196 to +260	-

* For use as industrial valve body/bonnet material

Typical chemical composition

Cu ^a %	Ni (max) %	P (max) %	Pb %	Sn %	Zn %	Al (max) %	Fe (max) %	S (max) %	Sb (max) %	Si (max) %
83.0 - 87.0	2.0	0.1	4.0 - 6.0	4.0 - 6.0	4.0 - 6.0	0.01	0.30	0.10	0.25	0.01

^a Including nickel



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