



Black Hawk Metals

The preferred supplier of
Brass, Bronze, Cast iron & Copper.

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Letter of Conformance

LG2 Bronze – Alloy C83600

All BHM material will be manufactured, tested & inspected, and in compliance with
BS1400-C83600 as specified below

TYPICAL CHEMICAL COMPOSITION %	
Element	Nominal
Copper (Cu)	Balance
Tin (Sn)	4.55
Lead (Pb)	5.70
Zinc (Zn)	5.85
Nickel (Ni)	0.5
Silicon (Si)	0.02
Aluminium (Al)	0.01
Phosphor (P)	0.05

Typical Mechanical Properties

Ultimate Tensile Strength	280 MPa
Elongation	30 %
Typical Hardness	70 BHN
Machinability	84 %

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