

ATLAS BALL & BEARING CO. LIMITED

BRASS BALL DATA SHEET

Attributes Known as common brass, has good corrosion resistance and fair tensile strength.

Specification with equivalents

BS EN	CuZn37 CW 508L
Old BS	CZ108
DIN	CuZn37
UNS	C27200

Chemical Analysis %

Cu	62.0-64.0	Ni	0.3 max
Al	0.05 max	Pb	0.1 max
Fe	0.1 max	Sn	0.1 max
Zn	Rem.		

Typical uses/applications Non return/check valves, electrical conductors

Grades available G200, G500, G1000

Mechanical/physical properties

Hardness	120-160 HB
Tensile strength	275 Mpa
Modulus of Elasticity	103.4 Gpa
Thermal conductivity	116 W/m.K at 20° C
Thermal expansion	20.5x10 ⁻⁶ /°C at 20-300°C
Specific gravity	8.44 g/cm ³
Melting Point	916°C
Magnetic properties	Non magnetic

Whilst every care has been taken we cannot accept liability for any errors contained within this data sheet.

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