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## MATERIAL DATA SHEET

### 352 BRASS

**Commonly known as:-** 352; Dezincification Resistant Machining Brass; Leaded Arsenical Brass; DR Brass

**Typical Applications:-** used for high speed machining of fittings and components for use in contact with potable water (drinking water) – meets the requirements of specification AS4020.

#### Chemical Composition %

Element		Typical
Copper	Cu	61.5
Lead	Pb	3.25
Arsenic	As	0.15
Zinc	Zn	Balance

#### Mechanical Properties – Drawn (typical)

Ultimate Tensile Strength	370 MPa
Yield Strength	165 MPa
Elongation	30%
Typical Hardness	110 HV
Machinability	90% (free machining brass = 100%)

**Similar Specifications:-** UNS 35330; BS 2873 C2119

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