

PB1 Bronze

BLACK

GOLDEN TAN

CHARACTERISTICS

Tensile Strength (MPa) 340-360

Hardness Strength (HB) 80

Yeild Strength (Mpa) 170

DESCRIPTION

PB1 is a bronze grade with good machining properties and high strength.

EQUIVALENTS

| AS | BS | SAE | ASTM |
|-------|-----|-----|--------|
| 90710 | PB1 | 65 | C90700 |

CHEMICAL ANALYSIS (%)

| Cu | Pb | Sn | Ni | Zn | Sb | P | Al |
|----|------|----|-----|------|-----|---|-------|
| 88 | 0.25 | 11 | 0.1 | 0.05 | 0.2 | 1 | 0.005 |

NOTES

PB1 has good corrosion resistance to sea water and brine. PB1 must have good lubrication and alignment.

APPLICATIONS

Suitable for heavy worm gears, worm wheels and bearings having medium to high loads and speeds with good resistance to impact loading or pounding.

WARNING: While all care has been taken to provide accurate information here, it should be noted that it is for a guide only and any information must be checked by the manufacturer before being relied upon.

EDCON STEEL

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