



Black Hawk Metals

ABN: 29 619 485 568
33 Colebard Street West
Acacia Ridge QLD 4110
Australia

*The preferred supplier of
Brass, Bronze, Cast Iron & Copper.*

Email: sales@blackhawkmets.com.au
Web: www.blackhawkmets.com.au

Tel: 07 3139 1474

Data Sheet

Grey Cast Iron – T250

All BHM material has been manufactured, tested & inspected, and is in compliance with AS 1830-T250 as specified below

| TYPICAL CHEMICAL COMPOSITION % | |
|---------------------------------------|-----------|
| Element | Nominal |
| Carbon (C) | 3.0 – 3.6 |
| Silicon (Si) | 2.2 – 3.2 |
| Manganese (Mn) | 0.5 – 0.8 |
| Phosphor (P) | 0.10 |
| Sulphur (S) | 0.08 |
| Iron (Fe) | Balance |

Typical Mechanical Properties

| | |
|---------------------------|---------------|
| Ultimate Tensile Strength | 220 – 260 MPa |
| Compressive Strength | 800 – 100 Mpa |
| Hardness | 190 – 240 BHN |
| Machinability | Very Good |

Black Hawk Metals will not be held responsible for the suitability, reliability or accuracy of the information provided on this document. Black Hawk Metals attempts to keep the information on this document up to date, however this may vary with product on hand.