

CA104 / CW307G /CW307G

Chemical Properties

Element	Chemical composition %
Iron (Fe)	4.0 - 5.50
Aluminium (Al)	8.50 - 11.0
Manganese (Mn)	0.50 typical
Nickel (Ni)	4.0 - 5.50
Copper (Cu)	Balance

Mechanical Properties

Property	Value
Proof stress	400 - 530 MPa
Tensile strength	600 - 760 Mpa
Elongation	15 - 5%
Hardness Vickers	170 to 220 HV

Physical Properties

Property	Value
Density	7.58 Kg/m ³
Melting point	1035°C
Modulus of elasticity	115 GPa
Thermal conductivity	37.7 W/m.K

Product Forms

Round Bar

Disclaimer

This data is indicative only and as such is not to be relied upon in place of the full specification. In particular, mechanical property requirements vary widely with temper, product and product dimensions. All information is based on our present knowledge and is given in good faith. No liability will be accepted by the Company in respect of any action taken by any third party in reliance thereon.

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