

NICKEL ALLOY 200 AND 201

Known as commercially pure nickel: Nickel 200 and the low carbon variant, Nickel 201, are utilised mostly for their excellent corrosion resistance. Strength is lower than for other nickels but fracture toughness is high. Nickel Alloy 201 should be used in place of Alloy 200 at temperatures exceeding approximately 300 deg C.

Specific Gravity					
Typical Applications			Related Specifications		
Chemical Composition (Wt %)					
Min					
Max					
Typical Mechanical Properties					
	0.2% Proof Stress	Tensile Strength	Elongation	Reduction of area	Hardness
Content					
Hardness after Heat Treatment					

* This data has been supplied in good faith and is indicative only. It has been provided for general information purposes only and is not to be relied upon in place of the full specification. Mechanical properties can vary considerably with different supply conditions such as heat treatment or temper and product dimensions.

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