



# RELIABLE PIPES & TUBES LTD.

GOVT. OF INDIA RECOGNIZED EXPORT HOUSE  
 OHSAS 18001:2007 CERTIFIED      ISO 14001:2004 CERTIFIED  
 ISO 9001:2008 CERTIFIED      PED CERT NO 01 202 IND/Q-11-0033

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## Nickel 200/201.

UNS Number N02200/N02201

**Nickel 200 (UNS N02200) Chemical Composition, %**

Ni	Fe	Cu	C	Mn	S	Si
99.0 min	.40 max	.25 max	.15 max	.35 max	.01 max	.35 max

**Nickel 201 (UNS N02201) Chemical Composition, %**

Ni	Fe	Cu	C	Mn	S	Si
99.0 min	.40 max	.25 max	.02 max	.35 max	.01 max	.35 max

**Nickel 200/201 ASTM Specifications**

Pipe Smls	Pipe Welded	Tube Smls	Tube Welded	Sheet/Plate	Bar	Fitting
B161	B622	B161	B622	B162	B160	B163

**Mechanical Properties**  
 Room Temperature properties of Various Products

Product Form	Condition	Tensile (ksi)	.2% Yield (ksi)	Elongation (%)	Hardness (HRB)
Rod & Bar	Hot Finished	60-85	15-45	55-35	45-80
Rod & Bar	Cold Drawn/Annealed or Hot-Finished/Annealed	55-75	15-30	55-40	45-70
Plate	Hot-Rolled/Annealed	55-80	15-40	60-40	45-75
Sheet	Annealed	55-75	15-30	55-40	70 max
Tube & Pipe	Seamless Annealed	55-75	12-30	60-40	70 max