

# **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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## **INCONEL® ALLOY 600**

UNS Number N06600

Other common names: Alloy 600

### Chemical Composition, %

Ni + Co	Cr	Fe	C	Mn	S	Si	Cu
72.0 min	14.0-17.0	6.0-10.0	.15 max	1.00 max	.015 max	.50 max	.50 max

### ASTM Specifications

Pipe Smls	Pipe Welded	Tube Smls	Tube Welded	Sheet/Plate	Bar	Forging	Fitting	Wire
B167	B517	B163	B516	B168	B166	B564	B366	

### Mechanical Properties

Typical room temperature Tensile Properties of Annealed Material

Product Form	Condition	Tensile (ksi)	.2% Yield (ksi)	Elongation (%)	Hardness (HRB)
Rod & Bar	Cold-Drawn	80-100	25-50	35-55	65-85
Rod & Bar	Hot-Finished	80-100	30-50	35-55	65-85
Tube & Pipe	Hot-Finished	75-100	25-50	35*55	-
Tube & Pipe	Cold-Drawn	80-100	25-50	35-55	88 Max
Plate	Hot-Rolled	80-105	30-50	35-55	65-85
Sheet	Cold-Drawn	80-100	30-45	35-55	88 Max