

# HASTELLOY<sup>®</sup> G-30<sup>®</sup> alloy

## Tensile Strength and Elongation

Form	Thickness/ Bar Diameter		Test Temperature		0.2% Offset Yield Strength		Ultimate Tensile Strength		Elongation
	in	mm	°F	°C	ksi	MPa	ksi	MPa	%
Sheet	0.028	0.71	RT	RT	47	324	100	689	56
Sheet	0.125	3.2	RT	RT	51	352	100	689	56
Plate	0.250	6.4	RT	RT	46	317	98	676	55
Plate	0.375	9.5	RT	RT	45	310	100	689	65
Plate	0.500	12.7	RT	RT	46	317	100	689	64
Plate	0.750	19.1	RT	RT	47	324	98	676	65
Plate	1.250	31.8	RT	RT	45	310	99	683	60
Bar	1.000	25.4	RT	RT	46	317	100	689	60
Plate & Bar*	Various		200	93	42	290	95	655	54
Plate & Bar*	Various		400	204	36	248	88	607	59
Plate & Bar*	Various		600	316	33	228	83	572	59
Plate & Bar*	Various		800	427	31	214	80	552	60
Plate & Bar*	Various		1000	538	29	200	76	524	62

\*Average results from tests of 11 plate and bar products of thickness/diameter 6.4 to 31.8 mm  
 RT= Room Temperature