

# HASTELLOY® G-35® 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	0.125	3.2	RT	RT	50	345	107	738	60
Sheet	0.125	3.2	200	93	43	296	101	696	63
Sheet	0.125	3.2	400	204	36	248	93	641	64
Sheet	0.125	3.2	600	316	31	214	89	614	70
Sheet	0.125	3.2	800	427	30	207	86	593	74
Sheet	0.125	3.2	1000	538	27	186	80	552	68
Sheet	0.125	3.2	1200	649	26	179	75	517	68
Plate	0.5	12.7	RT	RT	46	317	100	689	72
Plate	0.5	12.7	200	93	41	283	97	669	74
Plate	0.5	12.7	400	204	33	228	88	607	75
Plate	0.5	12.7	600	316	29	200	82	565	71
Plate	0.5	12.7	800	427	30	207	78	538	77
Plate	0.5	12.7	1000	538	26	179	72	496	75
Plate	0.5	12.7	1200	649	24	165	68	469	74
Bar	1	25.4	RT	RT	46	317	103	710	66
Bar	1	25.4	200	93	41	283	98	676	70
Bar	1	25.4	400	204	35	241	89	614	71
Bar	1	25.4	600	316	30	207	84	579	71
Bar	1	25.4	800	427	31	214	81	558	73
Bar	1	25.4	1000	538	28	193	75	517	72
Bar	1	25.4	1200	649	23	159	69	476	71

RT= Room Temperature

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