

HASTELLOY[®] B-3[®] alloy

Tensile Strength and Elongation

Form	Thickness		Test		0.2% Offset		Ultimate Tensile		Elongation
	in	mm	°F	°C	ksi	MPa	ksi	MPa	%
Sheet	0.125	3.2	RT	RT	61	421	125	862	53
Sheet	0.125	3.2	200	93	55	379	121	834	57
Sheet	0.125	3.2	400	204	47	324	110	758	60
Sheet	0.125	3.2	600	316	44	303	104	717	63
Sheet	0.125	3.2	800	427	42	290	102	703	62
Sheet	0.125	3.2	1000	538	39	269	98	676	59
Sheet	0.125	3.2	1200	649	46	317	104	717	56
Plate	Multiple*		RT	RT	58	400	128	883	58
Plate	Multiple*		200	93	54	372	122	841	58
Plate	Multiple*		400	204	48	331	115	793	61
Plate	Multiple*		600	316	44	303	111	765	62
Plate	Multiple*		800	427	41	283	108	745	62
Plate	Multiple*		1000	538	40	276	106	731	62
Plate	Multiple*		1200	649	42	290	107	738	65

*Average values from the testing of 6 lots of plate (of different thicknesses) from three heats.

RT= Room Temperature