



Specification Sheet

Last Modified: May 16, 2017

304

Stainless Steel

304 Stainless Steel Properties

304 Stainless Steel (annealed condition)		
Minimum Properties	Ultimate Tensile Strength, psi	73200
	Yield Strength, psi	31200
	Elongation	0.7
	Rockwell Hardness	B70
Chemistry	Iron (Fe)	66.5 - 74%
	Carbon (C)	0.08% max
	Chrome (Cr)	18 - 20%
	Manganese (Mn)	2% max
	Nickel (Ni)	8 - 10.5%
	Phosphorus (P)	0.045% max
	Sulphur (S)	0.03% max
	Silicon (Si)	1% max

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