

Mechanical properties of 316 stainless steel:

YS(kgf/ $mm^2$ )	TS(kgf/ $mm^2$ )	EL(%)	AR(%)	Density ( $g / cm^3$ )
$\geq 310$	$\geq 620$	$\geq 30$	$\geq 40$	8.03

Chemical Composition of 316 stainless steel :

C	Si	Mn	P	S	Cr	Ni	Mo
$\leq 0.08$	$\leq 1.00$	$\leq 2.00$	$\leq 0.035$	$\leq 0.03$	16-18.5	10-14	2-3

Compared with 304 stainless steel plate, 316 stainless steel material owns excellent performance, national standard materials. A variety of chemical content and the ingredients meet the national standards organizations. It also has high dense, nonporous, no blisters, material stability, superior performance, and price versus performance ratio.

Feature :excellent corrosion resistance, heat resistance, low temperature strength and mechanical properties.

Properties: superior corrosion resistance and anti-high-temperature. Because Mo making solid passive film more compact, is in the 316 stainless steel, it is particularly suitable for use in sulfuric acid environments and coastal areas.