

Chemical Composition of 309S stainless steel plate:

Grade	Chemical Composition %							
	C	Cr	Ni	Mn	P	S	Si	other
309S	≤ 0.08	22-24	12-15	≤ 2	≤ 0.035	≤ 0.03	≤ 1	-

309S mirror stainless steel plate, 309S color stainless steel plate, 309S 420 Matte stainless steel plate, 309S withdrawing stainless steel plate, 309S corrugated stainless steel plate, 309S etching stainless plate, 309S 2B stainless plate, 309S BA mirror stainless steel plate and 309S stainless Industrial Steel plate and 309S stainless medium plate etc.

Specification (mm)	mechanical properties						
	Hardness			Elongation $\delta_5$ (%)	Area reduction $\Psi$ (%)	Tensile Strength $\sigma_b$ (MPa)	Yield Strength $\sigma_{0.2}$ (MPa)
0.4-80 *1000*2000	HB	HRB	HV	≥40	≥50	≥520	≥205
1220*2440	≤187	≤90	≤200				
1500*6000							

309S improved stainless steel plate is heat-resistant austenitic stainless steel materials. It has more performance than austenitic stainless steel. Besides, it is of high temperature-resistance, so also named heat resistant steel, and is regarded as the first choice of heat treatment engineering.