

HAYNES[®] 230[®] alloy

Aqueous Corrosion Resistance

Coupons were exposed for four 24-hour periods in various acids at the stated temperatures, and general corrosion rates were calculated from weight change measurements.

Alloy	Corrosion Rate (mils per year)		
	10% HNO ₃ Boiling	10% H ₂ SO ₄ 150°F (66°C)	10% HCl 150°F (66°C)
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230[®]	0.3	0.6	112
625	0.7	0.4	65
600	0.8	41.8	366
316 SS	1.0	17.8	3408
X	-	<0.1	99