

Propiedad Química y Mecánica – ASTM A240																		
Material	Composición Química													Propiedad Mecánica				
ASTM A 240/ A 240M 04b TP. 202	TOL	C%	Mn%	P%	S%	Si%	Cu%	Ni%	Cr%	Mo%	Fe%	N%	A%	LR MPA/KSI	LF MPA/KSI	AL%	EX%	DUR HRB
	MAX.	0.15	10.0	0.060	0.000	1.00		6.0	19.0			0.25						
	MIN.		7.5					4.0	17.0					620/90	260/38	40		
ASTM A 240/ A 240M 04b TP. 304	TOL	C%	Mn%	P%	S%	Si%	Cu%	Ni%	Cr%	Mo%	Fe%	N%	A%	LR MPA	LF MPA	AL%	EX%	DUR HRB
	MAX.	0.08	2.00	0.045	0.000	0.75		10.5	20.0			0.10						92
	MIN.							8.0	18.0					515/75	205/30	40		
ASTM A 240/ A 240M 04b TP. 304L	TOL	C%	Mn%	P%	S%	Si%	Cu3%	Ni%	Cr%	Mo%	Fe%	N%	A%	LR MPA/KSI	LF MPA/KSI	AL%	EX%	DUR HRB
	MAX.	0.000	2.00	0.045	0.000	0.75		12.0	20.0			0.10						92
	MIN.							8.0	18.0					485/70	170/25	40		
ASTM A 240/ A 240M 04b TP. 316	TOL	C%	Mn%	P%	S%	Si%	Cu%	Ni%	Cr%	Mo%	Fe%	N%	A%	LR MPA/KSI	LF MPA/KSI	AL%	EX%	DUR HRB
	MAX.	0.08	2.00	0.045	0.000	0.75		14.0	18.0	3.0		0.10						95
	MIN.							10.0	16.0	2.0				515/70	205/30	40		
ASTM A 240/ A 240M 04b TP. 316L	TOL	C%	Mn%	P%	S%	Si%	Cu%	Ni%	Cr%	Mo%	Fe%	N%	A%	LR MPA/KSI	LF MPA/KSI	AL%	EX%	DUR HRB
	MAX.	0.000	2.00	0.045	0.000	0.75		14.0	18.0	3.00								95
	MIN.							10.0	16.0	2.00				485/70	170/25	40		
ASTM A 240/ A 240M 04b TP. 430	TOL	C%	Mn%	P%	S%	Si%	Cu%	Ni%	Cr%	Mo%	Fe%	N%	A%	LR MPA/KSI	LF MPA/KSI	AL%	EX%	DUR HRB
	MAX.	0.12	1.00	0.040	0.000	1.00		0.75	18.0									89
	MIN.								16.0					450/65	205/30	22		