

**STAINLESS BAR
RAW MATERIAL COMPOSITION
\$/LB**

MAY 2019 SURCHARGE TABLE

GRADE	Ni	Mo	Cr	Fe	Cu	ENERGY	TOTAL
302HQ	\$0.36	\$0.23	\$0.16	\$0.07	\$0.06	\$0.00	\$0.88
303	\$0.33	\$0.02	\$0.16	\$0.07	\$0.01	\$0.00	\$0.59
304/L	\$0.32	\$0.02	\$0.16	\$0.07	\$0.01	\$0.00	\$0.58
316/L	\$0.40	\$0.19	\$0.16	\$0.07	\$0.01	\$0.00	\$0.83
316Ti	\$0.40	\$0.19	\$0.16	\$0.07	\$0.01	\$0.00	\$0.83
305	\$0.45	\$0.00	\$0.17	\$0.07	\$0.00	\$0.00	\$0.69
310	\$0.79	\$0.00	\$0.24	\$0.05	\$0.00	\$0.00	\$1.08
314	\$0.81	\$0.00	\$0.24	\$0.05	\$0.00	\$0.00	\$1.10
321	\$0.36	\$0.00	\$0.17	\$0.07	\$0.00	\$0.00	\$0.60
347	\$0.37	\$0.00	\$0.17	\$0.07	\$0.00	\$0.00	\$0.61
410	\$0.00	\$0.00	\$0.11	\$0.09	\$0.00	\$0.00	\$0.20
416	\$0.01	\$0.00	\$0.12	\$0.09	\$0.00	\$0.00	\$0.22
420	\$0.01	\$0.00	\$0.12	\$0.09	\$0.00	\$0.00	\$0.22
430	\$0.01	\$0.00	\$0.16	\$0.09	\$0.00	\$0.00	\$0.26
430F	\$0.01	\$0.00	\$0.16	\$0.09	\$0.00	\$0.00	\$0.26
430FR	\$0.01	\$0.00	\$0.16	\$0.09	\$0.00	\$0.00	\$0.26
630 (17-4)	\$0.20	\$0.00	\$0.15	\$0.08	\$0.09	\$0.00	\$0.52
2205	0.23	0.24	0.21	0.08	0.00	\$0.00	\$0.76
ALLOY							
B7	\$0.00	\$0.02	\$0.01	\$0.11	\$0.00	\$0.00	\$0.14
B16	\$0.00	\$0.04	\$0.01	\$0.11	\$0.00	\$0.00	\$0.16

	<u>Base</u>	<u>April 20, 2019 Averages</u>
Molybdenum	\$5.00	\$12.15
Nickel	\$3.00	\$6.12
Nickel Premium		\$0.38
Chrome	\$0.40	\$1.20
Iron	\$0.0625	\$0.16
Copper	\$1.00	\$2.92
Natural Gas	\$6.00	\$2.62