

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

NOVEMBER 2019 SURCHARGE TABLE

GRADE	Ni	Mo	Cr	Fe	Cu	ENERGY	TOTAL
302HQ	\$0.57	\$0.20	\$0.12	\$0.03	\$0.05	\$0.00	\$0.97
303	\$0.52	\$0.01	\$0.13	\$0.03	\$0.01	\$0.00	\$0.70
304/L	\$0.51	\$0.01	\$0.13	\$0.03	\$0.01	\$0.00	\$0.69
316/L	\$0.63	\$0.17	\$0.12	\$0.03	\$0.01	\$0.00	\$0.96
316Ti	\$0.63	\$0.17	\$0.12	\$0.03	\$0.01	\$0.00	\$0.96
305	\$0.71	\$0.00	\$0.13	\$0.03	\$0.00	\$0.00	\$0.87
310	\$1.25	\$0.00	\$0.18	\$0.02	\$0.00	\$0.00	\$1.45
314	\$1.28	\$0.00	\$0.18	\$0.02	\$0.00	\$0.00	\$1.48
321	\$0.57	\$0.00	\$0.13	\$0.03	\$0.00	\$0.00	\$0.73
347	\$0.58	\$0.00	\$0.13	\$0.03	\$0.00	\$0.00	\$0.74
410	\$0.01	\$0.00	\$0.09	\$0.03	\$0.00	\$0.00	\$0.13
416	\$0.01	\$0.00	\$0.09	\$0.03	\$0.00	\$0.00	\$0.13
420	\$0.01	\$0.00	\$0.09	\$0.03	\$0.00	\$0.00	\$0.13
430	\$0.01	\$0.00	\$0.12	\$0.03	\$0.00	\$0.00	\$0.16
430F	\$0.01	\$0.00	\$0.12	\$0.03	\$0.00	\$0.00	\$0.16
430FR	\$0.01	\$0.00	\$0.12	\$0.03	\$0.00	\$0.00	\$0.16
630 (17-4)	\$0.32	\$0.00	\$0.12	\$0.03	\$0.07	\$0.00	\$0.54
2205	0.36	0.21	0.16	0.03	0.00	\$0.00	\$0.76
ALLOY							
B7	\$0.00	\$0.01	\$0.01	\$0.04	\$0.00	\$0.00	\$0.06
B16	\$0.00	\$0.04	\$0.01	\$0.04	\$0.00	\$0.00	\$0.09

	<u>Base</u>	<u>Oct. 20, 2019 Averages</u>
Molybdenum	\$5.00	\$11.38
Nickel	\$3.00	\$8.14
Nickel Premium		\$0.38
Chrome	\$0.40	\$1.02
Iron	\$0.0625	\$0.10
Copper	\$1.00	\$2.59
Natural Gas	\$6.00	\$2.38