

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

AUGUST 2019 SURCHARGE TABLE

GRADE	Ni	Mo	Cr	Fe	Cu	ENERGY	TOTAL
302HQ	\$0.36	\$0.21	\$0.13	\$0.05	\$0.06	\$0.00	\$0.81
303	\$0.32	\$0.01	\$0.13	\$0.05	\$0.01	\$0.00	\$0.52
304/L	\$0.32	\$0.01	\$0.13	\$0.05	\$0.01	\$0.00	\$0.52
316/L	\$0.39	\$0.18	\$0.13	\$0.05	\$0.01	\$0.00	\$0.76
316Ti	\$0.39	\$0.18	\$0.13	\$0.05	\$0.01	\$0.00	\$0.76
305	\$0.44	\$0.00	\$0.14	\$0.04	\$0.00	\$0.00	\$0.62
310	\$0.78	\$0.00	\$0.19	\$0.03	\$0.00	\$0.00	\$1.00
314	\$0.80	\$0.00	\$0.19	\$0.03	\$0.00	\$0.00	\$1.02
321	\$0.35	\$0.00	\$0.14	\$0.05	\$0.00	\$0.00	\$0.54
347	\$0.36	\$0.00	\$0.14	\$0.05	\$0.00	\$0.00	\$0.55
410	\$0.00	\$0.00	\$0.09	\$0.06	\$0.00	\$0.00	\$0.15
416	\$0.01	\$0.00	\$0.10	\$0.06	\$0.00	\$0.00	\$0.17
420	\$0.01	\$0.00	\$0.10	\$0.06	\$0.00	\$0.00	\$0.17
430	\$0.01	\$0.00	\$0.13	\$0.06	\$0.00	\$0.00	\$0.20
430F	\$0.01	\$0.00	\$0.13	\$0.06	\$0.00	\$0.00	\$0.20
430FR	\$0.01	\$0.00	\$0.13	\$0.06	\$0.00	\$0.00	\$0.20
630 (17-4)	\$0.20	\$0.00	\$0.12	\$0.05	\$0.08	\$0.00	\$0.45
2205	0.23	0.23	0.17	0.05	0.00	\$0.00	\$0.68
ALLOY							
B7	\$0.00	\$0.01	\$0.01	\$0.07	\$0.00	\$0.00	\$0.09
B16	\$0.00	\$0.04	\$0.01	\$0.07	\$0.00	\$0.00	\$0.12

	<u>Base</u>	<u>July 20, 2019 Averages</u>
Molybdenum	\$5.00	\$11.79
Nickel	\$3.00	\$6.06
Nickel Premium		\$0.38
Chrome	\$0.40	\$1.04
Iron	\$0.0625	\$0.13
Copper	\$1.00	\$2.69
Natural Gas	\$6.00	\$2.32