

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

DECEMBER 2019 SURCHARGE TABLE

GRADE	Ni	Mo	Cr	Fe	Cu	ENERGY	TOTAL
302HQ	\$0.50	\$0.13	\$0.12	\$0.03	\$0.06	\$0.00	\$0.84
303	\$0.46	\$0.01	\$0.13	\$0.03	\$0.01	\$0.00	\$0.64
304/L	\$0.45	\$0.01	\$0.13	\$0.03	\$0.01	\$0.00	\$0.63
316/L	\$0.57	\$0.11	\$0.12	\$0.03	\$0.01	\$0.00	\$0.84
316Ti	\$0.57	\$0.11	\$0.12	\$0.03	\$0.01	\$0.00	\$0.84
305	\$0.62	\$0.00	\$0.13	\$0.03	\$0.00	\$0.00	\$0.78
310	\$1.11	\$0.00	\$0.18	\$0.02	\$0.00	\$0.00	\$1.31
314	\$1.14	\$0.00	\$0.18	\$0.02	\$0.00	\$0.00	\$1.34
321	\$0.50	\$0.00	\$0.13	\$0.03	\$0.00	\$0.00	\$0.66
347	\$0.52	\$0.00	\$0.13	\$0.03	\$0.00	\$0.00	\$0.68
410	\$0.01	\$0.00	\$0.09	\$0.04	\$0.00	\$0.00	\$0.14
416	\$0.01	\$0.00	\$0.09	\$0.04	\$0.00	\$0.00	\$0.14
420	\$0.01	\$0.00	\$0.09	\$0.04	\$0.00	\$0.00	\$0.14
430	\$0.01	\$0.00	\$0.12	\$0.04	\$0.00	\$0.00	\$0.17
430F	\$0.01	\$0.00	\$0.12	\$0.04	\$0.00	\$0.00	\$0.17
430FR	\$0.01	\$0.00	\$0.12	\$0.04	\$0.00	\$0.00	\$0.17
630 (17-4)	\$0.28	\$0.00	\$0.12	\$0.04	\$0.08	\$0.00	\$0.52
2205	0.32	0.14	0.16	0.03	0.00	\$0.00	\$0.65
ALLOY							
B7	\$0.00	\$0.01	\$0.01	\$0.05	\$0.00	\$0.00	\$0.07
B16	\$0.00	\$0.03	\$0.01	\$0.05	\$0.00	\$0.00	\$0.09

	<u>Base</u>	<u>Nov. 20, 2019 Averages</u>
Molybdenum	\$5.00	\$9.24
Nickel	\$3.00	\$7.50
Nickel Premium		\$0.38
Chrome	\$0.40	\$1.02
Iron	\$0.0625	\$0.11
Copper	\$1.00	\$2.65
Natural Gas	\$6.00	\$2.58