

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

**JUNE 2019 SURCHARGE TABLE**

<b>GRADE</b>	<b>Ni</b>	<b>Mo</b>	<b>Cr</b>	<b>Fe</b>	<b>Cu</b>	<b>ENERGY</b>	<b>TOTAL</b>
<b>302HQ</b>	\$0.32	\$0.23	\$0.16	\$0.06	\$0.06	\$0.00	<b>\$0.83</b>
<b>303</b>	\$0.29	\$0.02	\$0.16	\$0.06	\$0.01	\$0.00	<b>\$0.54</b>
<b>304/L</b>	\$0.28	\$0.02	\$0.16	\$0.06	\$0.01	\$0.00	<b>\$0.53</b>
<b>316/L</b>	\$0.35	\$0.19	\$0.16	\$0.06	\$0.01	\$0.00	<b>\$0.77</b>
<b>316Ti</b>	\$0.35	\$0.19	\$0.16	\$0.06	\$0.01	\$0.00	<b>\$0.77</b>
<b>305</b>	\$0.40	\$0.00	\$0.17	\$0.06	\$0.00	\$0.00	<b>\$0.63</b>
<b>310</b>	\$0.70	\$0.00	\$0.24	\$0.04	\$0.00	\$0.00	<b>\$0.98</b>
<b>314</b>	\$0.72	\$0.00	\$0.24	\$0.04	\$0.00	\$0.00	<b>\$1.00</b>
<b>321</b>	\$0.32	\$0.00	\$0.17	\$0.06	\$0.00	\$0.00	<b>\$0.55</b>
<b>347</b>	\$0.33	\$0.00	\$0.17	\$0.06	\$0.00	\$0.00	<b>\$0.56</b>
<b>410</b>	\$0.00	\$0.00	\$0.11	\$0.08	\$0.00	\$0.00	<b>\$0.19</b>
<b>416</b>	\$0.01	\$0.00	\$0.12	\$0.08	\$0.00	\$0.00	<b>\$0.21</b>
<b>420</b>	\$0.01	\$0.00	\$0.12	\$0.08	\$0.00	\$0.00	<b>\$0.21</b>
<b>430</b>	\$0.01	\$0.00	\$0.16	\$0.07	\$0.00	\$0.00	<b>\$0.24</b>
<b>430F</b>	\$0.01	\$0.00	\$0.16	\$0.07	\$0.00	\$0.00	<b>\$0.24</b>
<b>430FR</b>	\$0.01	\$0.00	\$0.16	\$0.07	\$0.00	\$0.00	<b>\$0.24</b>
<b>630 (17-4)</b>	\$0.18	\$0.00	\$0.15	\$0.07	\$0.08	\$0.00	<b>\$0.48</b>
<b>2205</b>	0.20	0.24	0.21	0.06	0.00	\$0.00	<b>\$0.71</b>
<b>ALLOY</b>							
<b>B7</b>	\$0.00	\$0.02	\$0.01	\$0.09	\$0.00	\$0.00	<b>\$0.12</b>
<b>B16</b>	\$0.00	\$0.04	\$0.01	\$0.09	\$0.00	\$0.00	<b>\$0.14</b>

	<u>Base</u>	<u>May 20, 2019 Averages</u>
<b>Molybdenum</b>	\$5.00	\$12.20
<b>Nickel</b>	\$3.00	\$5.71
<b>Nickel Premium</b>		\$0.38
<b>Chrome</b>	\$0.40	\$1.20
<b>Iron</b>	\$0.0625	\$0.14
<b>Copper</b>	\$1.00	\$2.82
<b>Natural Gas</b>	\$6.00	\$2.62