



## thyssenkrupp Materials NA

Copper and Brass Sales \* Ken-Mac Metals \* OnlineMetals.com  
 thyssenkrupp Steel Services \* thyssenkrupp Industrial Services \* thyssenkrupp Materials de  
 Mexico \* thyssenkrupp Engineered Plastics

**Daily Metal Values**  
 Market Close Numbers will be effective on file as of :  
**11/08/2019**

	11/07/2019 Market Close	11/06/2019 Prior Close	Change
Comex Copper	2.7240	2.6610	0.0630
Published Copper	3.5000	3.4400	0.0600
Published Zinc	2.1700	2.1600	0.0100
Published Tin	14.2896	14.2035	0.0861

LME Aluminum	0.8244	0.8244	0.0000
LME Copper	2.6948	2.6823	0.0125
LME Zinc	1.1530	1.1467	0.0063
LME Nickel	7.3958	7.4344	-0.0386
LME Tin	7.5296	7.4435	0.0861
LME Lead	0.9548	0.9698	-0.0150
Comex Silver per Troy Oz.	16.9700	17.5580	-0.5880

LME Alum (3-mth future avg)	0.8244	0.8187	0.0057
Midwest Spot Alum (Daily)	0.9961	0.9903	0.0058

Averages:	Month to Date	Prior Month
Nickel	7.4639	7.7625
Comex CU	2.6796	2.6117
Midwest Spot	0.9916	0.9565

USD to CAD Conversion Effective:	11/08/2019	1.31669
CAD to USD Conversion Effective:	11/08/2019	0.75948

Weekly:	11/07/19	10/31/19	Change
Ferro-chrome HC min 60-65% Cr 6-8% C	0.90	0.92	-0.02