COBALT BRIQUETTES

Indicative Specification Sheet

Cobalt Briquettes

Table 1 Chemical Analysis Specifications

Element	Specification wt%	Average wt%[1]	Maximum wt%[1]
Cobalt[2]	99.9 Min	99.99	99.98 Min
Carbon	0.004 Max	<0.0015	0.0030
Copper	0.002 Max	<0.0001	0.0003
Iron	0.010 Max	0.0028	0.0047
Nickel	0.05 Max	0.006	0.019
Sulphur	0.002 Max	0.0015	0.002
Oxygen	--	0.0173	0.0300
Chromium	--	0.0019	0.0046

[1] For purposes of determining conformance with these specifications, an observed value shall be rounded "to the nearest unit" in the last right-hand digit used in expressing the specification limit, in accordance with the rounding method of ASTM Practice E29, for Using Significant Digits in Test Data to Determine Conformance with Specifications.

[2] Determined by difference (100% less C, Cu, Fe, Ni, and S content) For the period from 01-Oct-2018 to 30-Sep-2020.

Table 3 Physical Description

Dimensions	35 mm x 22 mm x 13 mm
Weight	Approximately 40 g each
Form	Briquette

Shipped from Canada

Standard Packaging

250 kg net steel drum; 7.0 kg drum tare weight
4 drums per 30" x 30" pallet.

1,000 kg net polypropylene bag; 2.0 kg bag tare weight
2 bags per 40" x 44" pallet.

Table 2.[3] Trace Elements
Oct. 1, 2018 – Sep. 30, 2020

	Average wt%	Maximum wt%
Aluminum	0.0005	0.0006
Antimony	<0.00001	<0.00001
Arsenic	<0.00001	<0.00001
Bismuth	<0.00001	<0.00001
Boron	<0.00007	0.00009
Cadmium	<0.00001	<0.00001
Calcium	<0.0001	<0.0001
Gallium	<0.00001	<0.00001
Indium	<0.00001	<0.00001
Lead	<0.00001	0.00003
Magnesium	0.00004	0.00007
Manganese	<0.00001	<0.00001
Mercury	<0.00002	<0.00002
Molybdenum	0.00004	0.00009
Phosphorus	<0.0005	<0.0005
Selenium	<0.00002	<0.00002
Silicon	<0.0003	<0.0003
Silver	<0.00001	<0.00001
Sodium	<0.0005	<0.0005
Tantalum	<0.00001	<0.00001
Tellurium	<0.00001	0.00001
Thallium	<0.00001	<0.00001
Thorium	<0.00001	<0.00001
Tin	<0.00001	0.00001
Titanium	<0.00001	0.00001
Tungsten	<0.00001	<0.00001
Uranium	<0.00001	<0.00001
Vanadium	<0.00001	0.00001
Zinc	<0.00005	<0.00005

[3] The above analyses are provided for informational purposes only. A composite consisting of a sample taken from each cobalt briquette lot produced is compiled and analyzed for the listed trace impurities on a monthly basis.

This issue supersedes all previous issues and typical data sheets for the product listed.

Issue Date: 01-Dec-2020