



## Product Specification

**Chemical Name:** Ruthenium dioxide, Type 7412

**CMI Product Code:** 8060

**CAS Number:** 12036-10-1

**Formula:** RuO<sub>2</sub>

**Formula Weight:** 133.07 g/mol

**Theoretical Ru %:** 75.95%

<b>PARAMETER</b>	<b>SPECIFICATION</b>
<b>Ru Assay</b>	75.5 ± 1.5 %
<b>Chemical Purity</b>	≥ 98%
<b>Surface Area</b>	18.9-27.0 m <sup>2</sup> /g
<b>Appearance</b>	Black powder
<b>Storage</b>	Store in a tightly sealed opaque container in a cool, dry place.

**Reviewing Chemist:** Tyler Bazzoli, Lead Chemist: TB

**Specification Approval:** Dr. Ernest Addo, Ph.D., Director of Quality & Analytical Testing: EA

**Specification Revision Date:** January 6<sup>th</sup>, 2017

**Revision Level:** 0

Colonial Metals warrants, that at the time of product release this product conformed to the information contained on this specification sheet. Purchaser must determine the suitability of the product for its particular use.

Date	Revision #	Change/Review	Revised by
11/6/17	0	Original Release	L. Geissler