



## Product Specification

**Chemical Name:** Chloro-bis(ethylene) rhodium (I) dimer

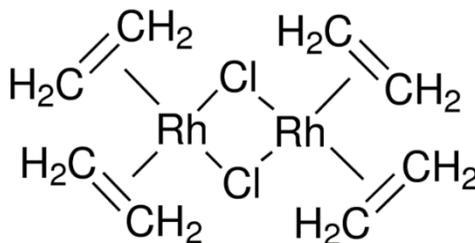
**CMI Product Code:** 7059

**CAS Number:** 12081-16-2

**Formula:**  $[(C_2H_4)_2RhCl]_2$

**Formula Weight:** 388.93 g/mol

**Theoretical Rh%:** 52.9%



### PARAMETER

### SPECIFICATION

**Rh Assay**

$52.9 \pm 1.0\%$

**Chemical Purity**

$\geq 96.0\%$  (based on carbon %)

**Microanalysis**

Carbon:  $24.7 \pm 1.0\%$

Hydrogen:  $4.15 \pm 0.5\%$

**Infrared Spectrum**

Conforms to structure

**Appearance**

Dark red to rust colored solid

**Storage**

Store in a tightly sealed container under an inert gas. Store cold ( $-20\text{ }^{\circ}\text{C}$ ).

**Reviewing Chemist:** Dr. Bryan Frauhiger, Ph.D., Organometallic Technical Director: BEF

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

**Specification Revision Date:** March 18<sup>th</sup>, 2016

**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.

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