



Product Specification

Chemical Name: Dichlorobis(benzonitrile)palladium(II)

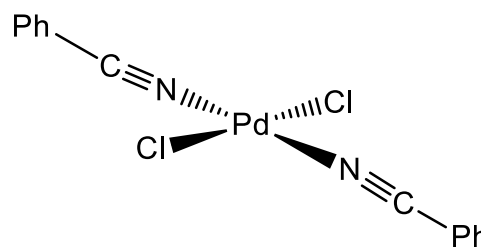
CMI Product Code: 5050

CAS Number: 14220-64-5

Formula: PdCl₂(C₆H₅CN)₂

Formula Weight: 383.57 g/mol

Theoretical Pd %: 27.7%



PARAMETER

SPECIFICATION

Pd Assay

27.7 ± 0.6%

Chemical Purity

≥ 98.5% (based on carbon %)

Microanalysis

Carbon: 43.84 ± 0.6%
Hydrogen: 2.63 ± 0.6%
Nitrogen: 7.31 ± 0.6%

Infrared Spectrum

Conforms to structure

Appearance

Orange-brown solid

Storage

Store in a tightly closed container in a cool, dry place.

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: October 8th, 2014

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.