

# Specification

<b>IUPAC Name:</b>	Dichloro[1,1'-ferrocenylbis(diphenylphosphane)]palladium(II) dichloromethane
<b>Heraeus Material / Type:</b>	Pd(dppf)Cl <sub>2</sub> *DCM T2 HSTDP
<b>Description /Formula:</b>	C <sub>35</sub> H <sub>30</sub> Cl <sub>4</sub> FeP <sub>2</sub> Pd

Heraeus Deutschland GmbH & Co.KG · Heraeus Precious Metals · Heraeusstrasse 12-14 · 63450 Hanau, Germany  
Contact Mail: precious.metals@heraeus.com · Phone.: +49(0)6181/35-4854

Parameter	Unit	Specification	Test Method
<u>Precious metal</u>			
Palladium content*	%	13.0 – 13.6	00079/xx Pd-content gravimetric
<u>Chemical and physical properties</u>			
Fe (Iron) *	%	6.59 – 7.09	Precision ICP
<sup>31</sup> P-NMR-Spectroscopy* (CD <sub>2</sub> Cl <sub>2</sub> ) 35,3 ppm (s)	%	≥ 95	<sup>31</sup> P-NMR-Spectroscopy

## Value Determination

All values determined in accordance with AA-3.3-010/xx.

## Information:

Color: red powder

## Other relevant document(s):

This specification replaces S-89880047 Version 03 dtd. 2013/09/03.

This specification replaces 00247489-89880047 Version 01 dtd. 2001/07/20.

## Inspection Certificate

Heraeus Precious Metals will issue an Inspection Certificate according to EN 10204-3.1 for each delivered batch. Parameters which are marked with [\*] will be given in the Inspection Certificate.

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Chemical Products

Doc. Nr. Spec-01-104\_00

**Heraeus**

Version: 00

Status: Approved

Valid from: 26.04.2019

All data in the product specification were thoroughly ascertained by Heraeus. They are based on conditions of use and environmental impacts assumed by Heraeus. Nevertheless, the data cannot be adopted without reservation, but have to be verified by the customer, if necessary. In particular, they do not release the customer from verifying itself and on its own responsibility whether the end product specified by Heraeus is suited for the intended purpose of use of the customer.