

## 6082

### Conductor

#### Description

6082 is a reactive (metal oxide) bonded platinum paste, which fires to a dense fired surface. 6082 has a rheology suitable for brushing.

#### Key Features

- Chemical resistant
- Fritless, reactive bond paste
- Brushable viscosity Can be used on Alumina, Zirconia or Titania bodies



*This picture does not show the packaging of 6082 and is solely intended for illustration purposes. The products are available in different packaging configurations and may change over time. Please refer to the latest safety data sheets for safety-relevant pictograms.*

#### Typical Properties

Viscosity	4620-6200 cps Brookfield RVTSC4-14 spindle, 6R utility cup at 50 rpm, 25 °C
Solids	66.2 ± 1.2%
Alloy Ratio	100
Coverage	190 cm <sup>2</sup> /gram
Metal	Pt
Color	Dark Grey / Black

#### Recommended Processing Guide

Process Temperature (TDS)	850-1100°C peak temperature. Dwell time of 9-11 minutes
Film Thickness	5-9 um

### 6082

#### Conductor

---

#### Warranty

3 months

#### Americas

Phone +1 610 825 6050

[electronics.americas@heraeus.com](mailto:electronics.americas@heraeus.com)

#### Asia Pacific

Phone +65 6571 7649

[electronics.apac@heraeus.com](mailto:electronics.apac@heraeus.com)

#### China

Phone +86 53 5815 9601

[electronics.china@heraeus.com](mailto:electronics.china@heraeus.com)

#### Europe, Middle East and Africa

Phone +49 6181 35 4370

[electronics.emea@heraeus.com](mailto:electronics.emea@heraeus.com)

The descriptions and engineering data shown here have been compiled by Heraeus using commonly accepted procedures, in conjunction with modern testing equipment, and have been compiled as according to the latest factual knowledge in our possession. The information was up-to date on the date this document was printed (latest versions can always be supplied upon request). Although the data is considered accurate, we cannot guarantee accuracy, the results obtained from its use, or any patent infringement resulting from its use (unless this is contractually and explicitly agreed in writing, in advance). The data is supplied on the condition that the user shall conduct tests to determine materials suitability for particular application. The Heraeus logo and Heraeus, figurative mark are trademarks or registered trademarks of Heraeus Holding GmbH or its affiliates. All rights reserved.