

## Resinates



### RL RU A 6000B H



### Ruthenium Resinate / DPIS\*

\* Development Product Information Sheet

#### Description

RL RU A 6000B H is a liquid precious metal product. It contains ruthenium in form of dissolved organo-metallic compounds.

#### Key Benefits

- Additive for thick film pastes
- Free of lead, cadmium and nickel
- Free of phthalate
- REACH<sup>3</sup> and RoHS<sup>4</sup> compliant

#### Processing

Not applicable

#### Thinner

HVS 100  
Cyclohexanone

#### Typical Properties (Solution)

Form:	Liquid solution (dark brown to black)
Viscosity:	20 - 500 mPas (20 °C, D = 50 sec <sup>-1</sup> )
Ruthenium Content:	4.5 ± 0.2 %
Coverage:	Not applicable
Shelf life:	6 months from date of shipment with correct storage (in a dry, cool (5 - 25 °C) and dark place with container tightly shut)

#### Typical Properties (Fired)<sup>1</sup>

Fired Film Thickness<sup>2</sup>: Not applicable  
(FFT)

## Resinates



RL RU A 6000B H



Ruthenium Resinate / DPIS\*

\* Development Product Information Sheet

- 1 Typical properties based on laboratory test methods. For optimum results all materials should be fired in a profiled furnace supplied with dried, hydrocarbon and other contaminant free air (PP-1).
- 2 Measured on 96% alumina
- 3 REACH compliant according to the latest \*\* Annex XIV to Regulation (EC) of the European Parliament and of the council on the Registration, Evaluation, Authorisation and Restriction of Chemicals ("REACH") by European Chemicals Agency and its subsequent amendments; the material does not contain any substance listed in Annex XIV.
- 4 RoHS compliant according to the latest \*\* Directives (European Union) of Restriction of Hazardous Substances ("RoHS") and its subsequent amendments (including the exceptions related to Pb)

\*\* See the data sheet issue date (DD/MM/YY) as reference of validity of latest edition which is available on request.

---

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 a particular application.

Heraeus Deutschland  
GmbH & Co. KG  
Heraeus Performance Products  
BL Precious Colours  
Heraeusstr. 12 – 14  
63450 Hanau, Germany  
E-Mail: [preciouscolours@heraeus.com](mailto:preciouscolours@heraeus.com)