Heraeus

Resinates

RL CU A 6052A - 6.4% H

Copper Resinate Solution / DPIS*

* Development Product Information Sheet

Description
RL CU A6052A-6,4% H is a liquid precious metal solution and it contains copper in form of dissolved organo-metallic compound.

Key Benefits
- Suitable to use as additive for thick film and organo-metallic pastes
- Free of lead, cadmium and nickel
- Free of phthalate
- REACH [1] and RoHS [2] compliant

Processing
1. When stored in a refrigerator, allow product to come to room temperature prior to opening, to avoid condensation.
2. The solution is miscible with halogenated hydrocarbons, some higher alcohols (e.g. Terpineol), esters and ketones (e.g. Cyclohexanone). Not miscible with aliphatic and aromatic hydrocarbons, lower alcohols, esters and ketones.

Thinner	HVS 100 Toluene Cyclohexanone

Typical Properties (Solution)

Form:	Green liquid
Viscosity:	200 - 500 mPas (25 °C, 50 rpm)
Chem. Characterization:	Copper carboxylate in organic solvents
Copper Content [3]:	6.4 ± 0.2 %
Calcinated Residue:	8.0 ± 0.3 % (theoretical value)
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)

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1 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.

2 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)

3 Inductively coupled plasma optical emission spectrometry (ICP-OES), also referred to as Inductively coupled plasma atomic emission spectroscopy (ICP-AES), is an analytical technique used for the detection of trace metals.

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

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