

liquid silver resinate

RESINATE AG R2/321 H for mixing

Heraeus Precious Coatings is a global manufacturer of precious metal decoration products for ceramics and glass. Heraeus profits from over 100 years experience in ceramic and glass decoration designs, which has always made the department a pioneer in the development of precious metal colours. Modern precious metal preparations have to meet high demands on different types of substrates – such as on porcelain, tiles, drinking glasses, flacons and bottles. Decorations have to achieve good mechanical and chemical resistance such as dishwasher durability. The products supplied by Heraeus Precious Coatings include: Bright gold and platinum products, silk-matt gold and platinum products, burnish gold and platinum products, lusters and metallo-organic preparations for technical use.

1 General information

RESINATE AG R2/321 H is a metallo organic material with silver in solution. The material is typically used as additive for example in the production of metallo organic metal pastes for technical usage.

Directly to the product:

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2 Properties of the product

The major characteristics of a Heraeus precious metal preparation are determined by its production recipe. From each lot produced, we take a sample and check defined characteristics. Form: Dark brown to black liquid Viscosity: 20 – 800 mPas (20°C, D=50s-1) Silver content: 20,75% +- 1,6% Fired film thickness: 0,1 – 0,3 μm

2.1 Storage

Liquid golds are subject to an ageing process. Therefore, we recommend using the material within 6 months. The material should be stored at room temperature (20°C). Cool storage – but no freezing – has a positive impact on the shelf life. Processing RESINATE AG R2/321 H is mixable with aromatic hydrocarbons, essential oils, alcohols, esters and ketones (e.g. cyclohexanone). The material can be thinned with cyclohexanone or toluene.

Contact

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The statements concerning our products correspond to our current knowledge and experience. It is the obligation of the purchaser to examine the usefulness of the products in its intended use in each individual case. In order to prevent production losses the user has to test the preparations in connection with every other material being involved in the production process and has to be satisfied that the intended result can be consistently produced.