

BRAZETEC Dosing Amalgams



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BRAZETEC dosing amalgams or solid mercury preforms are mainly used in the manufacturing process of UV-lamps. Available delivery forms of the BRAZETEC amalgams are wires and slugs.

Applications

- UV lamps
- Induction lamps

Standard compositions

The material selection is mainly determined by the optimum mercury vapour pressure and the maximum mercury content. The delivery form shall correspond to the preferred singulation or dosing process used to manufacture the desired lamp.

The BRAZETEC product portfolio includes, for example, the following amalgams: Hg, In, InHg (Hg 3 - 17 wt.%), InAg18Au2, InHgAg and BiIn30

Sustainability

BRAZETEC attaches great importance to the selection of raw materials with a high purity. This ensures the availability of high purity amalgams resulting in outstanding performance. Furthermore BRAZETEC emphasizes the responsibility towards our environment by using mercury only from recycled sources.

Hg Vapour pressure

The following diagram shows the vapour pressure curves of selected examples of some available dosing InHg-amalgams suitable for the use in different types of lamps.

