

**PFARR Stanztechnik wins a 2008 Global Technology Award for its low melting alloy
Bi(58)Sn(42)**



Buttlar, Germany – August 2008- PFARR Stanztechnik, a leading producer and supplier of solder and braze components in the field of individual shaped preforms, ribbons and foils announces that it has been awarded a Global Technology Award in the category Soldering Materials. The award was presented by Global SMT & Packaging Magazine's Publisher and Editor-in-Chief Trevor Galbraith during a Tuesday, August 19, 2008

ceremony that took place during the SMTA International exhibition and conference in Orlando, FL.

The eutectic composition Bi(58) Sn(42) is insertable for soldering temperature-sensitive electronic components. Due to his low melting point it's possible to operate at low soldering temperatures. Possible fields of application are special requirements in semiconductor assembly and high frequency technology or as fusible safety devices. PFARR offers this soldering composition for high quality applications in customised dimensions with close tolerances. The special adjusted production process allows manufacturing of accurate preforms, ribbons, foils and spheres

BiSn42 alloys, already in use since long for low temperature soldering, have been so far offered in paste form by solder manufacturers as mentioned above however never as solder preforms or ribbons. The brittleness of this alloy needs a special know-how in process when manufacturing ribbon or preforms in tight tolerances, free of cracks and in a reproducible quality, proved by high cpk values.

The Global Technology Awards program is sponsored by Global SMT & Packaging Magazine, and is an annual celebration of product excellence in semiconductor packaging and electronics assembly. Premier products based on the finest examples of creative advancement in technology in key areas are chosen by a distinguished panel of global industry experts.

About PFARR Stanztechnik GmbH

Pfarr Stanztechnik GmbH, founded in 1982, is a high-end solder and braze component producer of high purity alloys. The semi finished products are the range of soft solders and braze materials manufactured in-house. Generally the alloys are manufactured and shaped for individual customer demands as precision stamped preforms, ribbons, foils, spheres or ingot. For this Pfarr uses its own tooling department with a big range of available tools.

Pfarr products are mainly used in the electronic and automotive industry like electronic components and safety device. Further products are polymeric in precision stamped shapes.

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