

## **AGCOAT® PRIME – AN ALTERNATIVE SOLUTION TO GOLD BONDING WIRE**

Heraeus has successfully developed a new alternative solution to gold bonding wire specially on high complexity wire bonding application which other alternative wires are not able to achieve. With no inert gas (forming or N<sub>2</sub>) required, the wire has enabled our customer to avoid any investment on facility and machine modifications. This is also the 1<sup>st</sup> alternative solution since year 2006 which does not required facility and machine modifications. This innovative solution enables end user to benefit from significant cost savings with comparable bonding and reliability performance as gold wires. It is also proven to have good FAB Au coverage and reduce the IMC growth by half comparing to gold wire which is beneficial for reliability performance.