

Umicore AG & Co. KG
BrazeTec
P.O.Box 1351
63403 Hanau
Rodenbacher Chaussee 4
63457 Hanau-Wolfgang
Germany
www.umicore.com
www.brazetec.de
T +49 61 81 59-5304
F +49 61 81 59-75304
florian.krebs@eu.umicore.com
TM-BT-BD-M/fk

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Umicore-BrazeTec brazes Audi Q7

In future, Audi will place their trust in BrazeTec products for use in their new Q7 sports utility vehicle. There are major advantages to brazing individual exhaust system components in comparison to welding or clamping them. Specifically, the connections' dynamic load-bearing capacity is greater and, compared to welded connections, it is possible to reduce wall thicknesses and minimize the likelihood of leaky connections. Moreover, even at the early stage of making decisions on plant investment, costs can be lowered and space requirements minimized.

This is made possible by a special BrazeTec brazing alloy that was developed specifically for high-temperature brazing connections and can be used at operating temperatures above 600°C.

For Audi, the use of brazing technology in the Q7, their top of the line model, is no doubt just the start of a change intended to optimize their manufacturing processes.

Brazing is BrazeTec 