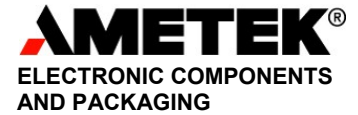




15 Mercedes Drive
Montvale, NJ 07645 U.S.A.
Telephone: 201.791.4020
Fax: 201.791.1637
www.coininginc.com



ELECTRONIC COMPONENTS
AND PACKAGING

Product Information –Alloy 10033

75 Copper-25 Gold

Physical Properties of Bulk Braze

Braze Alloy Composition	Cu75Au25 (weight per cent)
Melting range	1030-1050°C
Density	10.35 kg/l
Young's modulus	Not available
Yield strength	100 MPa (estimated)
Tensile strength	200 MPa (estimated)
Thermal conductivity	200 W/m.K (estimated)
Electrical Conductivity	14 x10 ⁶ /Ω.m (estimated)
Electrical Resistivity	4 μΩ cm (estimated)

Estimates are based on extrapolation of data available for:

Cu,
Cu65Au35
Cu60Au40, and
Cu50Au50

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