

TECHNICAL SHEET

DHP-Cu

Product name

DHP-Cu

Class of product

Phosphorous deoxidized copper for brazing

Corresponding standards

ISO 17672 Cu 141
EN 1044 ~ CU 104
AWS A5.8-04 BCu-1
DIN 8513 ~ L-SFCu

Nominal composition (weight %)

Cu: Bal.
P: 0,05 – 0,07

Physical and technical properties

Melting range (Solidus – Liquidus):	1.085 °C
Brazing temperature:	~ 1.100 °C
Density:	8,93 g/cm ³
Thermal conductivity:	293 - 364 W/m · K
Coeff. of linear expansion:	17,0 · 10 ⁻⁶ 1/K (20 – 300 °C)
Electrical conductivity:	41 - 52 m / Ω · mm ²
Electrical resistivity:	0,0192 – 0,0244 Ω · mm ² / mm

Characteristics Make-up

Rods
Wires
Rings
Preforms from Wire and from Strip

NOTE:

Information contained in this data sheet are based on the knowledge available to us at the date of last document revision and are believed to be accurate. Anyway, no data contained in this data sheet may be regarded as an assurance of any property of the product. We do not assume any responsibility for results obtained or damages occurred from the use of the information contained in this data sheet. We do not assume any responsibility for any un-proper use of the product. Users should verify the suitability and completeness of information with regard to specific use the product. As end use of product is not under our direct control, it is the user's responsibility to fully comply with applicable laws and regulations in safety and hygiene.

STELLA s.r.l.

Via Marconi 26 – 21041 ALBIZZATE (VA) – ITALY
Tel. +39-0331-985787 – Fax +39-0331-985803
info@stella-welding.com - www.stella-welding.com