

TECHNICAL DATA

CW118C (CuTep)

CATEGORIES	DETAILS
Chemical composition	• Cu+Ag % (rest) • P % (0.004 - 0.012) • Te % (0.4 - 0.7) • Other (0.1)
Electrical & thermal characteristics	• Approximately 86% IACS • Electrical conductivity : 50 MS/m • Thermal conductivity : 360 W/m.K
Mechanical characteristics	• Young's modulus : 117 GPa • Min. yield strenght MPa : 205 - 260 MPa • Machinability : 85 - 90%
Technology in use	• Brazing • Cold & hot working • Contact in electronics and electrical engineering • Welding torch nozzles • Screws • Nuts
Other designation	• C14500 (ASTM)