

Cu-ETP | Flat bars

DATA SHEET



Alloy	Cu-ETP, CW004A
Condition	drawn – lengths app. 3000 mm, sharp edges
Norm	DIN EN 13601
Tolerance	DIN EN 13601
Machinability	moderate to difficult
Hot Workability	good
Cold Workability	very good
REACH	no obligation
RoHS	conform
Electr. conductivity	min. 57,0 MS/m

Mechanical Properties

	Tensile strength R_m	Yield stress $R_{p\ 0,2}$	Elongation A
Thickness < 10 mm R300	$\geq 300\ \text{N/mm}^2$	$\geq 260\ \text{N/mm}^2$	$\geq 8\%$
Thickness < 10 mm R250	$\geq 250\ \text{N/mm}^2$	$\geq 180\ \text{N/mm}^2$	$\geq 15\%$

Chemical Analysis

Cu	min. 99.9 %
Bi	max. 0.0005 %
O	max. 0.04 %
Pb	max. 0.005 %
Others	max. 0.03 %

Oxygen containing Cu-ETP offers high electrical conductivity, but poor weldability and hard soldering. Well suitable for soft soldering.

Comparable Specifications

E-Cu57, 2.0060, DIN 1787
C11000 UNS
C 101, BS 1433