

Specification Plain Copper

Phosphorous deoxidised copper, DHP-Copper

Dimension:

Sheets and strips with maximum width 1050 mm.

Thickness range 0,4-1,5 mm.

Coil mass max. 4000 kg. Sheets max length 6000mm.

Chemical Composition %:

Cu 99.90 (min.), P 0.015-0.040

Physical properties:

Density 8.94 kg/dm³

Thermal expansion 0.000017 1/K

Specific heat 385 J/kg K

Thermal conductivity 335 %W/Cm

Mechanical properties:

The material fulfils properties of EN 1172 requirements. Material conditions are H065 with Hardness HV 65...95, H040 or H090.

Fabrication properties:

Formability Excellent

Soldering Excellent

Brazing Excellent

TIG Good

MIG Good

EBW Poor

Typical uses:

Roofing

Wall panels, cassettes, profiles etc.

Window and doorframes

Interior decoration