

SPECIFICATION NORDIC BRASS

CuZn30

EN CW505L

UNS C26000

Dimension:

Width range max 1000 mm

Thickness range 0,5...2,0 mm

Coils max. 3500 kg

Sheet length max 6000mm

Chemical Composition %:

Copper (Cu) 70

Zinc (Zn) 30

Physical properties:

Density 8.53 kg/dm³

Thermal expansion $20 \cdot 10^{-6} \text{ 1/K}$ ($\Delta T \text{ 100}^\circ\text{C} = 1,8\text{mm/m}$)

Specific heat 377 J/kg K

Thermal conductivity 121 %W/Cm

Fabrication properties:

Formability	Excellent
Soldering	Excellent
Brazing	Excellent
TIG	Good
MIG	Good
EBW	Poor

Brazing can lead to evaporation of zinc

Typical use

Architecture, eg. roofing, facades, window and door frames, decoration