

# Specification Nordic Brass

CuZn15

**Dimension:**

Sheets and strips with maximum width 1000 mm.  
Thickness range 0,6 - 2,0 mm.  
Coil mass max. 3500 kg.  
Sheets max length 6000 mm.

**Chemical Composition %:**

The material fulfils properties of EN 1652 requirements.  
Cu 83 (min.), Zn 14 . 17.

**Physical properties:**

Density 8.75 kg/dm<sup>3</sup>  
Thermal expansion 0.000019 1/K  
Specific heat 375 J/kg K  
Thermal conductivity 160 %W/Cm

**Mechanical properties:**

Material condition is H085 with Hardness HV 85õ 115.  
Proof strength Rp0,2 200õ 290 N/mm<sup>2</sup>  
Tensile strength Rm 310õ 390 N/mm<sup>2</sup>  
Elongation A 10-40 %

**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