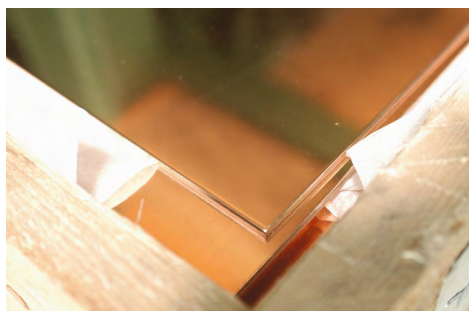


CuNi10Fe1Mn | Sheets



Alloy	CuNi10Fe1 Mn, CW352H	
Condition	cold / hot rolled – descaled surface	
Norm	DIN EN 1653	
Tolerance	Thickness 2-5 mm	+0/-0,45 mm
	Thickness 6 mm	+0/-0,55 mm
	Thickness 8 mm	+0/-0,75 mm
	Thickness 12 mm	+0/-1,10 mm
Machinability	bad	
Hot Workability	good	
Cold Workability	very good	
REACH	no obligation	
RoHS	conform	

Mechanical Properties

	Tensile strength R_m	Yield stress $R_{p0.2}$	Elongation A	Hardness HV
R300-H070	$\geq 300 \text{ N/mm}^2$	$\geq 100 \text{ N/mm}^2$	$\geq 30 \%$	70-120

Excellent resistance to erosion, cavitation and corrosion (especially seawater). Good weldability. Seawater lines, tubes, plates and sheets for heat exchangers and condensers. Air conditioners, apparatus engineering, brake lines.

Chemical Analysis

Cu	86.0-89.7 %
Ni	9.0-11.0 %
Fe	1.0-2.0 %
Mn	0.5-1.0 %
C	max. 0.05 %
Co	max. 0.1 %
P	max. 0.02 %
Pb	max. 0.02 %
S	max. 0.05 %
Sn	max. 0.03 %
Zn	max. 0.5 %

Comparable Specifications

CuNi10Fe1Mn, 2.0872, DIN 17664
 C70600 UNS
 CN 102 BS