

Copper Coil Shim & Sheet (JIS H3100)

MECHANICAL PROPERTIES AND REFERENCE

Alloy No	Temper Grade	Reference	
		Specific Character and examples of use	
C 1020	O 1/4 H 1/2 H H	Oxygen Free Copper	Having good electric and heat conductivity, workability, drawability, weldability, and corrosion and weathering resistance. Free from hydrogen embrittlement when heated at elevated temperature in reducing atmosphere. Applicable to electrical, chemical industries, etc.
C 1100	O 1/4 H 1/2 H H	Tough Pitch Copper	Having good electrical and heat conductivity, workability, drawability, and corrosion and weathering resistance. Applicable to electrical, distiller, building, chemical industry, gasket, appliance, etc.
C 1220	O 1/4 H 1/2 H H	Phosphorus Deoxidized Copper	Having good workability, drawability, weldability, corrosion and weathering resistance, and thermal conductivity. Applicable to bath boiler, kettle, gasket, building, chemical industry, etc.

CHEMICAL COMPOSITION

Alloy No	Chemical Composition (%)									
	Cu	Pb	Fe	Sn	Zn	Al	Mn	Ni	P	Others
C 1020	99.96 min	-	-	-	-	-	-	-	-	-
C 1100	99.90 min	-	-	-	-	-	-	-	-	-
C 1220	99.90 min	-	-	-	-	-	-	-	0.015 to 0.040	-