



Colada Continua Chilena S. A

# TECHNICAL DATA SHEET COPPER ROD OF



## Raw Material

Grade A1 copper cathodes (ASTM B115), which correspond to highest purity cathodes

20-10-2022

Rev 1

## Physical, Chemical and mechanical Properties

ASSAY	Unit	Specification	
		Minimum	Maximum
Copper Rod Diameter	mm	7,62	8,38
Oxygen Content	ppm	-	5
Electrical Conductivity	% I.A.C.S.	101,0	
Tensile Elongation	%	30,0	
Tensile Strength	Kg/mm2	18,0	
Coils weight (Nominal Weight 4200 kg)	Kg	3800	4500

## Chemical Composition

The rod is manufactured from certificated copper cathodes 1A (high purity copper, min. 99.99%) and the process complies with the International standard ASTM B49.

## Packaging

Each copper rod coil is protected against atmospheric corrosion with an inhibitor or protective wax. The packaging is strapped with 4 PET straps.

Both ends are marked with the C.C.CH. logo.

Coil dimensions: 180x110x60 cm avg

## Identification

Each coil of copper rod is identified with a card OXYGEN FREE.