

Copper - HCP

Strips



Material Designation		Chemical Composition (%)		Applications
ASTM	C10300	Cu	≥ 99.95	Telecommunication Cables Power Distribution Systems Cooling Elements Electrical & Electronic Applications
JIS	C1030			
INDIAN	Cu-HCP	P	0.002 - 0.007	
EN	CW021A			
BS	-			

Specification				Properties	
Thickness	0.025 - 5 mm	ID	80 - 500 mm	Formability	Excellent
Width	4 - 1220 mm	OD	-	Welding Ability	Good
Length	-	Coil Wt	10 - 2000 Kg	Electrical Conductivity	Good
Temper	O , 1/4H , 1/2H , 3/4H , H , EH , SH			Thermal Conductivity	Good

Description
<p>Cu-HCP is a high purity, high conductivity, low phosphorus Copper. This copper may be heat treated, welded and brazed without need for special precautions to avoid hydrogen embrittlement. HCP copper is alloyed with small amount 20 - 70 ppm of phosphorous. This small quantity of phosphorous will not reduce significantly the electrical and thermal conductivity of the alloy but help to obtain homogenous grain size in the product.</p>

Value Proposition
<ul style="list-style-type: none"> ● Competitive Pricing ● Flexible LME price fixation ● Product Customization ● Quality Assurance ● Committed to deliveries ● Standard export pallet packing

This data is general technical specification; Binding technical specifications will be as per agreement.