

Copper - HCP Sheets



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	0.3 - 4 mm	Formability	Excellent
Width	350 - 1000 mm	Welding Ability	Good
Length	400 - 6000 mm	Electrical Conductivity	Good
Temper	O , 1/4H , 1/2H , 3/4H , H , EH , SH	Thermal Conductivity	Good

Description

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.

Value Proposition

<ul style="list-style-type: none"> ● Competitive Pricing ● Flexible LME price fixation ● Product Customization 	<ul style="list-style-type: none"> ● Quality Assurance ● Committed to deliveries ● Standard export pallet packing
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This data is general technical specification; Binding technical specifications will be as per agreement.