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Copper Alloy, Certified Reference Material, CDA 655 / C65500, Chips

Art. ID	IARM-Cu655-18-C
Unit	each
Deliverydetails	No Dangerous Good /not restricted

Description

A high silicon bronze, CDA 655 (IARM-Cu655-18) is widely appreciated for its aesthetic and its antimicrobial properties in architectural and decorative applications. Its high resistance to corrosion means that it is often used for fasteners, piston rings, and other hardware in marine applications.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
Certified Value	Aluminium (Al)	[7429-90-5]	0,0020 ± 0,0007	%		
Certified Value	Copper (Cu)	[7440-50-8]	95,5 ± 0,3	%		
Certified Value	Iron (Fe)	[7439-89-6]	0,055 ± 0,006	%		
Certified Value	Manganese (Mn)	[7439-96-5]	0,98 ± 0,03	%		
Certified Value	Nickel (Ni)	[7440-02-0]	0,0034 ± 0,0006	%		
Certified Value	Lead (Pb)	[7439-92-1]	0,018 ± 0,003	%		
Certified Value	Silicon (Si)	[7440-21-3]	3,15 ± 0,07	%		
Certified Value	Tin (Sn)	[7440-31-5]	0,009 ± 0,001	%		
Certified Value	Zinc (Zn)	[7440-66-6]	0,149 ± 0,008	%		
Indicative Value	Silver (Ag)	[7440-22-4]	15	ppm		
Indicative Value	Arsenic (As)	[7440-38-2]	4	ppm		
Indicative Value	Boron (B)	[7440-42-8]	<100	ppm		
Indicative Value	Bismuth (Bi)	[7440-69-9]	<10	ppm		
Indicative Value	Copper (Cu)	[7440-50-8]	100	ppm		
Indicative Value	Calcium (Ca)	[7440-70-2]	<33	ppm		
Indicative Value	Cadmium (Cd)	[7440-43-9]	<10	ppm		
Indicative Value	Cobalt (Co)	[7440-48-4]	<10	ppm		
Indicative Value	Chromium (Cr)	[7440-47-3]	10	ppm		
Indicative Value	Hydrogen (H)	[1333-74-0]	<2	ppm		
Indicative Value	Magnesium (Mg)	[7439-95-4]	5	ppm		
Indicative Value	Molybdenum (Mo)	[7439-98-7]	<10	ppm		
Indicative Value	Nitrogen (N)	[7727-37-9]	<5	ppm		
Indicative Value	Oxygen (O)	[7782-44-7]	10	ppm		
Indicative Value	Phosphorus (P)	[7723-14-0]	20	ppm		
Indicative Value	Palladium (Pd)	[7440-05-3]	0,3	ppm		
Indicative Value	Sulfur (S)	[7704-34-9]	10	ppm		
Indicative Value	Antimony (Sb)	[7440-36-0]	8	ppm		
Indicative Value	Selenium (Se)	[7782-49-2]	<5	ppm		

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Indicative Value	Titanium (Ti)	[7440-32-6]	<20	ppm
Indicative Value	Vanadium (V)	[7440-62-2]	<50	ppm