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Copper Alloy, Certified Reference Material, CDA 360 / C36000, Disc

Art. ID	IARM-Cu360-18-X
Unit	disc
Deliverydetails	No Dangerous Good /not restricted

Description

IARM-Cu360-18 is a free cutting brass. Thanks to its high Pb content, CDA 360 is an excellent machining alloy with a 100% machinability rating and it is used as a comparison for the machinability of all other alloys. It is an excellent choice for use in applications that require drilling, turning, milling and other high-speed machining processes.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
Certified Value	Silver (Ag)	[7440-22-4]	0,011 ± 0,001	%		
Certified Value	Aluminium (Al)	[7429-90-5]	0,010 ± 0,002	%		
Certified Value	Arsenic (As)	[7440-38-2]	0,026 ± 0,007	%		
Certified Value	Bismuth (Bi)	[7440-69-9]	0,0023 ± 0,0009	%		
Certified Value	Carbon (C)	[7440-44-0]	0,003 ± 0,001	%		
Certified Value	Cadmium (Cd)	[7440-43-9]	0,0034 ± 0,0007	%		
Certified Value	Cobalt (Co)	[7440-48-4]	0,0010 ± 0,0002	%		
Certified Value	Chromium (Cr)	[7440-47-3]	0,003 ± 0,001	%		
Certified Value	Copper (Cu)	[7440-50-8]	61,6 ± 0,4	%		
Certified Value	Iron (Fe)	[7439-89-6]	0,27 ± 0,01	%		
Certified Value	Manganese (Mn)	[7439-96-5]	0,0131 ± 0,0005	%		
Certified Value	Nickel (Ni)	[7440-02-0]	0,120 ± 0,002	%		
Certified Value	Phosphorus (P)	[7723-14-0]	0,003 ± 0,001	%		
Certified Value	Lead (Pb)	[7439-92-1]	2,73 ± 0,08	%		
Certified Value	Antimony (Sb)	[7440-36-0]	0,012 ± 0,002	%		
Certified Value	Silicon (Si)	[7440-21-3]	0,010 ± 0,002	%		
Certified Value	Tin (Sn)	[7440-31-5]	0,29 ± 0,02	%		
Certified Value	Zinc (Zn)	[7440-66-6]	35,1 ± 0,4	%		
Indicative Value	Boron (B)	[7440-42-8]	20	ppm		
Indicative Value	Hydrogen (H)	[1333-74-0]	<10	ppm		
Indicative Value	Magnesium (Mg)	[7439-95-4]	0,7	ppm		
Indicative Value	Molybdenum (Mo)	[7439-98-7]	<1	ppm		
Indicative Value	Nitrogen (N)	[7727-37-9]	<10	ppm		
Indicative Value	Niobium (Nb)	[7440-03-1]	<10	ppm		
Indicative Value	Oxygen (O)	[7782-44-7]	10	ppm		
Indicative Value	Palladium (Pd)	[7440-05-3]	1	ppm		
Indicative Value	Sulfur (S)	[7704-34-9]	<5	ppm		
Indicative Value	Selenium (Se)	[7782-49-2]	<30	ppm		

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Indicative Value	Tellurium (Te)	[13494-80-9]	3	ppm
Indicative Value	Titanium (Ti)	[7440-32-6]	<20	ppm
Indicative Value	Vanadium (V)	[7440-62-2]	<100	ppm