

简单黄铜产品各国标准

标准名称	化学成分 %									
美标	Copper No.	Cu	Pb	Fe	Zn	Other				
	C22000	89~91	0.05	0.05	REM					
	C22600	86~89	0.05	0.05	REM					
	C23000	84~86	0.05	0.05	REM					
	C23030	83.5~85.5	0.05	0.05	REM	0.2-0.4Si				
	C23400	81~84	0.05	0.05	REM					
	C24000	78.5~81.5	0.05	0.05	REM					
	C24080	78~82	0.2		REM	0.1Al				
	C25600	71~73	0.05	0.05	REM					
	C26000	68.5~71.5	0.07	0.05	REM					
	C26130	68.5~71.5	0.05	0.05	REM	0.02-0.08As				
	C26200	67~70	0.07	0.05	REM					
	C26800	64~68.5	0.15	0.05	REM					
	C27000	63~68.5	0.1	0.07	REM					
	C27200	62~65	0.07	0.07	REM					
	C27400	61~64	0.1	0.05	REM					
	C28000	59~63	0.3	0.07	REM					

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标准名称	化学成分 %									
日标	Alloy No	Cu	Pb	Fe	Zn					
	C2600	68.5~71.5	0.05max	0.05max	REM					
	C2700	63.0~67.0	0.05max	0.05max	REM					
	C2800	59.0~63.0	0.1max	0.07max	REM					
国标	Alloy No	Cu	Fe	Pb	Ni	Zn	杂质总和			
	H96	95.0~97.0	0.1	0.03	0.5	REM	0.2			
	H90	88.0~91.0	0.1	0.03	0.5	REM	0.2			
	H85	84.0~86.0	0.1	0.03	0.5	REM	0.3			
	H80	79.1~81.0	0.1	0.03	0.5	REM	0.3			
	H70	68.5~71.5	0.1	0.03	0.5	REM	0.3			
	H68	67.0~70.0	0.1	0.03	0.5	REM	0.3			
	H65	63.5~68.0	0.1	0.03	0.5	REM	0.3			
	H63	62.0~65.0	0.15	0.08	0.5	REM	0.5			
	H62	60.5~63.5	0.15	0.08	0.5	REM	0.5			
	H59	57.0~60.0	0.3	0.5	0.5	REM	1			
欧标	Symbol	Alloy No	Cu	Al	Fe	Ni	Pb	Sn	Zn	Others
	CuZn5	CW500L	94.0~96.0	0.02	0.05	0.3	0.05	0.1	REM	0.1
	CuZn10	CW501L	89.0~91.0	0.02	0.05	0.3	0.05	0.1	REM	0.1
	CuZn15	CW502L	84.0~86.0	0.02	0.05	0.3	0.05	0.1	REM	0.1
	CuZn20	CW503L	79.0~81.0	0.02	0.05	0.3	0.05	0.1	REM	0.1
	CuZn28	CW504L	71.0~73.0	0.02	0.05	0.3	0.05	0.1	REM	0.1
	CuZn30	CW505L	69.0~71.0	0.02	0.05	0.3	0.05	0.1	REM	0.1
	CuZn33	CW506L	66.0~68.0	0.02	0.05	0.3	0.05	0.1	REM	0.1
	CuZn36	CW507L	63.5~65.5	0.02	0.05	0.3	0.05	0.1	REM	0.1
	CuZn37	CW508L	62.0~64.0	0.05	0.1	0.3	0.1	0.1	REM	0.1
	CuZn40	CW509L	59.5~61.5	0.05	0.2	0.3	0.3	0.2	REM	0.2

铅黄铜产品各国标准

标准名称	化学成分 %									
美标	Copper No.	Cu	Pb	Fe	Zn					
	C33530	62~65	0.25~0.7	0.15	REM					
	C34000	62~65	0.8~1.5	0.15	REM					
	C34200	62~65	1.5~2.5	0.15	REM					
	C34500	62~65	1.5~2.5	0.15	REM					
	C35000	60~63	0.8~2.0	0.15	REM					
	C35300	60~63	1.5~2.5	0.15	REM					
	C35600	60~63	2.0~3.0	0.15	REM					
	C36000	60~63	2.5~3.7	0.35	REM					
	C36500	58~61	0.25~0.7	0.15	REM					
	C37000	59~62	0.8~1.5	0.15	REM					
	C37100	58~62	0.6~1.2	0.15	REM					
	C37700	58~61	1.5~2.5	0.3	REM					
	C37710	56.5~60	1.0~3.0	0.3	REM					
	C38000	55~60	1.5~2.5	0.35	REM					
	C38500	55~59	2.5~3.5	0.35	REM					
日标	Alloy No	Cu	Pb	Fe	Sn+Fe	Zn				
	C3601	59.0~63.0	1.8~3.7	0.3max	0.5max	REM				
	C3602	59.0~63.0	1.8~3.7	0.5max	1.2max	REM				
	C3603	57.0~61.0	1.8~3.7	0.35max	0.6max	REM				
	C3604	57.0~61.0	1.8~3.7	0.5max	1.2max	REM				
	C3605	56.0~60.0	3.5~4.5	0.5max	1.2max	REM				
	C3712	58.0~62.0	0.25~1.2		0.8max	REM				
	C3771	57.0~61.0	1.0~2.5		1.0max	REM				

铅黄铜产品各国标准

标准名称	化学成分 %									
国标	Alloy No	Cu	Fe	Pb	Ni	Zn	杂质总和			
	HPb89-2	87.5~90.5	0.1	1.3~2.5	0.7	REM				
	HPb66-0.5	65.0~68.0	0.07	0.25~0.7		REM				
	HPb63-3	62.0~65.0	0.1	2.4~3.0	0.5	REM	0.75			
	HPb63-0.1	61.5~63.5	0.15	0.05~0.3	0.5	REM	0.5			
	HPb62-0.8	60.0~63.0	0.2	0.5~1.2	0.5	REM	0.75			
	HPb62-3	60.0~63.0	0.35	2.5~3.7		REM				
	HPb62-2	60.0~63.0	0.15	1.5~2.5		REM				
	HPb61-1	58.0~62.0	0.15	0.6~1.2		REM				
	HPb60-2	58.0~61.0	0.3	1.5~2.5		REM				
	HPb59-3	57.5~59.5	0.5	2.0~3.0	0.5	REM	1.2			
	HPb59-1	57.0~60.0	0.5	0.8~1.9	1	REM	1			
欧标	Symbol	Alloy No	Cu	Al	Fe	Ni	Pb	Sn	Zn	Others
	CuZn35Pb1	CW600N	62.5~64.0	0.05	0.1	0.3	0.8~1.6	0.1	REM	0.1
	CuZn35Pb2	CW601N	62.0~63.5	0.05	0.1	0.3	1.6~2.5	0.1	REM	0.1
	CuZn36Pb3	CW603N	60.0~62.0	0.05	0.3	0.3	2.5~3.5	0.2	REM	0.2
	CuZn37Pb2	CW606N	61.0~62.0	0.05	0.2	0.3	1.6~2.5	0.2	REM	0.2
	CuZn38Pb1	CW607N	60.0~61.0	0.05	0.2	0.3	0.8~1.6	0.2	REM	0.2
	CuZn38Pb2	CW608N	60.0~61.0	0.05	0.2	0.3	1.6~2.5	0.2	REM	0.2
	CuZn38Pb4	CW609N	57.0~59.0	0.05	0.3	0.3	3.5~4.2	0.3	REM	0.2
	CuZn39Pb0.5	CW610N	59.0~60.5	0.05	0.2	0.3	0.2~0.8	0.2	REM	0.2
	CuZn39Pb1	CW611N	59.0~60.0	0.05	0.2	0.3	0.8~1.6	0.2	REM	0.2
	CuZn39Pb2	CW612N	59.0~60.0	0.05	0.3	0.3	1.6~2.5	0.3	REM	0.2
	CuZn39Pb3	CW614N	57.0~59.0	0.05	0.3	0.3	2.5~3.5	0.3	REM	0.2
	CuZn40Pb2	CW617N	57.0~59.0	0.05	0.3	0.3	1.6~2.5	0.3	REM	0.2

青铜产品各国标准

标准名称	化学成分 %									
美标	Copper No.	Cu	Pb	Fe	Sn	Zn	P	Other		
	C50200	REM	0.05	0.1	1.0~1.5		0.04			
	C50500	REM	0.05	0.1	1.0~1.7	0.3	0.03~0.35			
	C50510	REM			1.0~1.5	0.1~0.25	0.02~0.07	0.15~0.4Ni		
	C50580	REM	0.05	0.05~0.2	1.0~1.7	0.3	0.01~0.35	0.05~0.2Ni		
	C50590	97min	0.02	0.05~0.4	0.5~1.5	0.5	0.02~0.15			
	C50700	REM	0.05	0.1	1.5~2.0		0.3			
	C50705	96.5min	0.02	0.1~0.4	1.5~2.0	0.5	0.04~0.15			
	C50710	REM			1.7~2.3		0.15	0.1~0.4Ni		
	C50715	REM	0.02	0.05~0.15	1.7~2.3		0.025~0.04			
	C50725	94.0min	0.02	0.05~0.2	1.5~2.5	1.5~3.0	0.02~0.06			
	C50780	REM	0.05	0.05~0.2	1.7~2.3	0.3	0.01~0.35	0.05~0.2Ni		
	C50900	REM	0.05	0.1	2.5~3.8	0.3	0.03~0.3			
	C51000	REM	0.05	0.1	4.2~5.8	0.3	0.03~0.35			
	C51080	REM	0.05	0.05~0.2	4.8~5.8	0.3	0.01~0.35	0.05~0.2Ni		
	C51100	REM	0.05	0.1	3.5~4.9	0.3	0.03~0.35			
	C51180	REM	0.05	0.05~0.2	3.5~4.9	0.3	0.01~0.35	0.05~0.2Ni		
	C51190	REM	0.02	0.05~0.15	3.0~6.5		0.025~0.015	0.15Co		
	C51800	REM	0.02		4.0~6.0		0.1~0.35	0.01Al		
	C51900	REM	0.05	0.1	5.0~7.0	0.3	0.03~0.35			
	C51980	REM	0.05	0.05~0.2	5.5~7.0	0.3	0.01~0.35	0.05~0.2Ni		
	C52100	REM	0.05	0.1	7.0~9.0	0.2	0.03~0.35			
	C52180	REM	0.05	0.05~0.2	7.0~9.0	0.3	0.01~0.35	0.05~0.2Ni		
	C53400	REM	0.8~1.2	0.1	3.5~5.8	0.3	0.03~0.35			
C54400	REM	3.5~4.5	0.1	3.5~4.5	1.5~4.5	0.01~0.5				

青铜产品各国标准

标准名称	化学成分 %									
日标	Alloy No	Cu	Pb	Sn	Zn	P	Cu+Sn+P			
	C5111			3.5~4.5		0.03~0.35	99.5min			
	C5102			4.5~5.5		0.03~0.35	99.5min			
	C5191			5.5~7.0		0.03~0.35	99.5min			
	C5212			7.0~9.0		0.03~0.35	99.5min			
	C5341		0.8~1.5	3.5~3.8		0.03~0.35	99.5min			
	C5441		3.5~4.5	3.4~4.5	1.5~4.5	0.01~0.5	99.5min			
国标	Alloy No	Cu	Sn	Al	Zn	Ni	Fe	Pb	P	杂质总和
	QSn1.5~0.2	REM	1.0~1.7		0.3	0.2	0.1	0.05	0.03~0.35	
	QSn4-0.3	REM	3.5~4.9		0.3	0.2	0.1	0.05	0.03~0.35	
	QSn4-3	REM	3.5~4.5	0.002	2.7~3.3	0.2	0.05	0.02	0.03	0.2
	QSn4-4-2.5	REM	3.0~5.0	0.002	3.0~5.0	0.2	0.05	1.5~3.5	0.03	0.2
	QSn4-4-4	REM	3.0~5.0	0.002	3.0~5.0	0.2	0.05	3.5~4.5	0.03	0.2
	QSn6.5-0.1	REM	6.0~7.0	0.002	0.3	0.2	0.05	0.02	0.10~0.25	0.1
	QSn6.5-0.4	REM	6.0~7.0	0.002	0.3	0.2	0.02	0.02	0.26~0.40	0.1
	QSn7-0.2	REM	6.0~8.0	0.01	0.3	0.2	0.05	0.02	0.10~0.25	0.15
	QSn8-0.3	REM	7.0~9.0		0.2	0.2	0.1	0.05	0.03~0.35	
欧标	Symbol	Alloy No	Cu	Fe	Ni	P	Pb	Sn	Zn	Others
	CuSn4	CW450K	REM	0.1	0.2	0.01~0.4	0.02	3.5~4.5	0.2	0.2
	CuSn5	CW451K	REM	0.1	0.2	0.01~0.4	0.02	4.5~5.5	0.2	0.2
	CuSn6	CW452K	REM	0.1	0.2	0.01~0.4	0.02	5.5~7.0	0.2	0.2
	CuSn8	CW453K	REM	0.1	0.2	0.04~0.4	0.02	7.5~8.5	0.2	0.2
	CuSn4Pb4Zn4	CW456K	REM	0.1	0.2	0.2~0.4	3.5~4.5	3.5~4.5	3.5~4.5	0.2
	CuSn8P	CW459K	REM	0.1	0.3	0.2~0.4	0.05	7.5~8.5	0.3	0.2

白铜产品各国标准

标准名称	化学成分 %									
美标	Copper No.	Cu	Pb	Fe	Zn	Ni	Mn	Other		
	C70100	REM		0.05	0.25	3.0~4.0	0.5			
	C70200	REM	0.05	0.1		2.0~3.0	0.4			
	C70600	REM	0.05	1.0~1.8	1	9.0~11	1			
	C70610	REM	0.01	1.0~2.0		10~11	0.5~1			
	C70620	86.5Min	0.02	1.0~1.8	0.05	9.0~11	1			
	C70690	REM	0.001	0.005	0.001	9.0~11	0.001			
	C70700	REM		0.05		9.5~10.5	0.5			
	C70800	REM	0.05	0.1	0.2	10.5~12.5	0.15			
	C71000	REM	0.05	1	1	19~23	1			
	C71100	REM	0.05	0.1	0.2	22~24	0.15			
	C71300	REM	0.05	0.2	1	23.5~26.5	1			
	C71500	REM	0.05	0.4~1.0	1	29~33	1			
	C72150	REM	0.05	0.1	0.2	43~46	0.05	0.5Si		
	C73500	70.5~73.5	0.1	0.25	REM	16.5~19.5	0.5			
	C74000	69~73.5	0.1	0.25	REM	9.0~11	0.5			
	C74300	63~66	0.1	0.25	REM	7.0~9.0	0.5			
	C74400	62~66	0.05	0.05	REM	2.0~4.0				
	C74500	63.5~66.5	0.1	0.25	REM	9.0~11	0.5			
	C75200	63~66.5	0.05	0.25	REM	16.5~19.5	0.5			
	C75400	63.5~66.5	0.1	0.25	REM	14~16	0.5			
	C75700	63.5~66.5	0.05	0.25	REM	11.0~13	0.5			
	C76000	60~63	0.1	0.25	REM	7.0~9.0	0.5			
	C76200	57~61	0.1	0.25	REM	11~13.5	0.5			
	C76400	58.5~61.5	0.05	0.25	REM	16.5~19.5	0.5			
	C76700	55~58			REM	14~16	0.5			
C77000	53.5~56.5	0.05	0.25	REM	16.5~19.5	0.5				

白铜产品各国标准

标准名称	化学成分 %									
日标	Alloy No	Cu	Pb	Fe	Zn	Mn	Ni			
	C7451	63.0~67.0	0.1max	0.25max	REM	0~0.5	8.5~11			
	C7521	62.0~66.0	0.1max	0.25max	REM	0~0.5	16.5~19.5			
	C7541	60.0~64.0	0.1max	0.25max	REM	0~0.5	12.5~15.5			
	C7701	54.0~58.0	0.1max	0.25max	REM	0~0.5	16.5~19.5			
	C7941	60.0~64.0	0.8~1.8	0.25max	REM	0~0.5	16.5~19.5			
欧标	Symbol	Alloy No	Cu	C	Co	Fe	Mn	Ni	P	Pb
	CuNi10Fe1Mn	CW352H	REM	0.05	0.1	1.0~2.0	0.5~1.0	9~11	0.02	0.02
	CuNi30Mn1Fe	CW354H	REM	0.05	0.1	0.4~1.0	0.5~1.5	30~32	0.02	0.02
	Symbol	Alloy No	Cu	Fe	Mn	Ni	Pb	Sn	Zn	Others
	CuNi12Zn24	CW403J	63.0~66.0	0.3	0.5	11.0~13.0	0.03	0.03	REM	0.2
	CuNi18Zn20	CW409J	60.0~63.0	0.3	0.5	17.0~19.0	0.03	0.03	REM	0.2
国标	Alloy No	Cu	Ni+Co	Fe	Mn	Zn	Pb	Si	Sn	杂质总和
	B5	REM	4.4~5.0	0.2			0.01			0.5
	B19	REM	18~20	0.5	0.5	0.3	0.005	0.15		1.8
	B25	REM	24~26	0.5	0.5	0.3	0.005	0.15	0.03	1.8
	B30	REM	29~33	0.9	1.2		0.05	0.15		
	BZn18-18	63.5~66.5	16.5~19.5	0.25	0.5	REM	0.05			
	BZn18-26	53.5~56.5	16.5~19.5	0.325	0.5	REM	0.05			
	BZn15-20	62.0~65.0	13.5~16.5	0.5	0.3	REM	0.02	0.15		0.9