Cutech Alloys Private Limited

SILICON BRASS

USA- ASTM

Copper Alloys	Standard	Cu	Sn	Pb	Zn	Fe	Ni	P	Al	Mn	Si	Sb	S	Impurities
C23030		83.5-85.5		0.05	Rem.	0.05					0.2-0.4			
C69050		70-75			Rem.		0.5-1.5		3-4		0.1-0.6			
C69100		81-84	0.1	0.05	Rem.	0.25	0.8-1.4		0.7-1.2	0.1	0.8-1.3			
C69300		73-77	0.2	0.1	Rem.	0.1	0.1	0.04-0.15		0.1	2.7-3.4			
C69400		80-83		0.3	Rem.	0.2					3.5-4.5			
C69430		80-83		0.3	Rem.	0.2					3.5-4.5			
C69700		75-80		0.5-1.5	Rem.	0,2				0.4	2.5-3.5			
C69710		75-80		0.5-1.5	Rem.	0.2				0.4	2.5-3.5			
C69750		78-83	0.05	0.8-1.3	Rem.	0.05	0.01	0.02		0.05	1.9-2.22			
C87400		79 Min		1	12-16				0.8		2.5-4			
C87500		79 Min		0.5	12-16				0.5		3-5			
C87600		88 Min		0.5	4-7	0.2				0.25	3.5-5.5			
C87610		90 Min		0.2	3-5	0,2				0.25	3-5			
C87800		80 Min	0.25	0.15	12-16	0.15	0.2	0.01	0.15	0.15	3.8-4.2	0.05	0.05	
C87850		74-78	0.3	0.1	Rem.	0.1	0.2	0.05-0.2		0.1	2.7-3.4	0.1		

GERMANY DIN

Copper Alloys	Standard	Cu	Sn	Pb	Zn	Fe	Ni	P	Al	Mn	Si	Sb	S	Impurities
CuZn31Si1		66-70		0.8	Rem.	0.4	0.5				0.7-1.3			0.5
CuZn31Si1	(CW708R)	66-70		0.8	Rem.	0.4	0.5				0.7-1.3			0.5
CuZn37Mn3Al2PbSi	(CW713R)	57-59	0.4	0.2-0.8	Rem.	1	1		1.3-2.3	1.5-3	0.3-1.3			0.3
CuZn39Mn1AlPbSi	(CW718R)	57-59	0.5	0.2-0.8	Rent	0.5	0.5		0.3-1.3	0.8-1.8	0.2-0.8			0.3
CuZn40Al2		56.5-59	0.5	0.8	Rem.	1	2		1.3-2.3	1.4-2.6	0.3-1			0.5
G-CuZn15Si14		78-83			Rem.	0.6	1				3.8-5			1.2

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INDIA- IS

Copper Alloys	Standard	Cu	Sn	Pb	Zn	Fe	Ni	P	Al	Mn	Si	Sb	S	Impurities
Silicon Brass (Grade-1)	IS:11109-1984	79 Min		0.5	12.5-16	0.3			0.5		3.2-5			0.5
Silicon Brass (Grade-2)	IS:11109-1984	88 Min		0.5	4.5-7	0.3					3.7-5.5			0.5
Silicon Brass (Grade-3)	IS:11109-1984	80- 83		0.4	Rem.	0.3			0.05		4.1-4.7			0.5

ITALY – UNI

Copper Alloys	Standard	Cu	Sn	Pb	Zn	Fe	Ni	P	Al	Mn	Si	Sb	S	Impurities
G-CuZn36Si1Pb1	UNI5038	61-63	0.5	0.5- 1.2	Rem	0.3	0.5	0.05	0.25	0.15	0.8-1.2	0.1		
G-CuZn39Si1	UNI5037	59-61	0.2	0.15	Rem	0.15	0.2	0.05	0.2	0.15	0.8-1.1	0.05		