



ALECOSA
Technified Alloys

ALLOYS

As exclusive specialists in the manufacture of copper and zinc binary alloys, we offer our customers the widest range of alloys existing on the market, thereby positioning us as leaders in our sector.



DESIGNATION	TRADE NAME	EN 12166	ASTM	CHEMICAL COMPOSITION								COLD WORKING	HOT WORKING	MACHINING	SOLDERING	BRAZING	SPOT	BUTT
				ELEMENT	Cu	Al	Fe	Ni	Pb	Sn	Zn							
CuZn40	Muntz metal	-	-	ELEMENT	Cu	Al	Fe	Ni	Pb	Sn	Zn	Exc	Fair	35	Exc	Exc	Good	Good
				MIN	59,5													
				MAX	61,5	0,05	0,2	0,3	0,3	0,2	balance							
CuZn37	Yellow brass 63%	CW508L	27400	ELEMENT	Cu	Al	Fe	Ni	Pb	Sn	Zn	Exc	Fair	35	Exc	Exc	Good	Good
				MIN	61													
				MAX	64	0,05	0,1	0,3	0,1	0,1	balance							
CuZn36	Yellow brass 65%	CW507L	27000	ELEMENT	Cu	Al	Fe	Ni	Pb	Sn	Zn	Exc	Fair	30	Exc	Exc	Good	Good
				MIN	63,5													
				MAX	65,5	0,02	0,05	0,3	0,05	0,1	balance							
CuZn34	Yellow brass 66%	-	26800	ELEMENT	Cu	Al	Fe	Ni	Pb	Sn	Zn	Exc	Fair	30	Exc	Exc	Good	Good
				MIN	64													
				MAX	68,5	0,02	0,05	0,3	0,05	0,1	balance							
CuZn33	-	-	-	ELEMENT	Cu	Al	Fe	Ni	Pb	Sn	Zn	Exc	Fair	30	Exc	Exc	Fair	Good
				MIN	66,5													
				MAX	68,5	0,02	0,1	0,3	0,1	0,1	balance							
CuZn32	-	-	26200	ELEMENT	Cu	Al	Fe	Ni	Pb	Sn	Zn	Exc	Fair	30	Exc	Exc	Fair	Good
				MIN	67													
				MAX	70	0,02	0,1	0,3	0,1	0,1	balance							
CuZn30	Cartridge brass 70%	CW505L	26000	ELEMENT	Cu	Al	Fe	Ni	Pb	Sn	Zn	Exc	Fair	30	Exc	Exc	Fair	Good
				MIN	69													
				MAX	71	0,02	0,05	0,3	0,05	0,1	balance							
CuZn28	-	-	25600	ELEMENT	Cu	Al	Fe	Ni	Pb	Sn	Zn	Exc	Fair	30	Exc	Exc	Fair	Good
				MIN	71													
				MAX	73	0,02	0,05	0,20	0,05	0,05	balance							
CuZn20	Low brass 80%	CW503L	24000	ELEMENT	Cu	Al	Fe	Ni	Pb	Sn	Zn	Exc	Good	30	Exc	Exc	Fair	Good
				MIN	79													
				MAX	81	0,02	0,05	0,20	0,05	0,05	balance							
CuZn18	-	-	23400	ELEMENT	Cu	Al	Fe	Ni	Pb	Sn	Zn	Exc	Good	30	Exc	Exc	Fair	Good
				MIN	81													
				MAX	84	0,02	0,05	0,20	0,05	0,05	balance							
CuZn15	Red brass 85%	CW502L	23000	ELEMENT	Cu	Al	Fe	Ni	Pb	Sn	Zn	Exc	Good	30	Exc	Exc	Fair	Good
				MIN	84													
				MAX	86	0,02	0,05	0,20	0,05	0,05	balance							
CuZn13	Jewelry bronze 87%	-	22600	ELEMENT	Cu	Al	Fe	Ni	Pb	Sn	Zn	Exc	Good	30	Exc	Exc	Fair	Good
				MIN	86													
				MAX	89	0,02	0,05	0,20	0,05	0,05	balance							
CuZn10	Comercial bronze 90%	CW501L	22000	ELEMENT	Cu	Al	Fe	Ni	Pb	Sn	Zn	Exc	Good	20	Exc	Exc	NR	Good
				MIN	89													
				MAX	91	0,02	0,05	0,20	0,05	0,05	balance							
CuZn5	Gilding 95%	-	21000	ELEMENT	Cu	Al	Fe	Ni	Pb	Sn	Zn	Exc	Good	20	Exc	Exc	NR	Good
				MIN	94													
				MAX	96	0,02	0,05	0,20	0,05	0,05	balance							

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