

Table.- Aluminum master alloys

Master Alloy Aluminium -	Element Composition	Nominal	Color Code		AA Designation	CEN Designation
antimony	Sb	10%	white	yellow	-	95100
boron	B	3%	1 yellow stripe		H2203	90500
		4%	2 yellow stripes		H2204	90502
		5%	3 yellow stripes		H2217	90504
		or 8%	yellow	black	-	-
bismuth	Bi	3 or 8%	purple	yellow	H2003, H2016	98300 / -
calcium	Ca	10%	white	orange	H2009	92000
chromium	Cr	10%	1 purple stripe		H2910	92402
		20%	2 purple stripes		H2920	92404, 92405
cobalt	Co	10%	orange	light blue	H2006	92700
copper	Cu	33%	2 orange stripes		H2132	92900, 92901
		50 or 54%	3 orange stripes		H2154 (54%)	92902, 92903 (50%)
iron	Fe	10% or 20%	black	brown	-	92600, 92601
			black	orange	H2820	92602
magnesium	Mg	10% 20, 25% or 50%	white	black	-	91200
			white	purple	- / H2010	91202 / -
			2 white	2 purple stripes	H2011	91204
manganese	Mn	10% or 25%	brown	white	-	92500, 92501
			brown		H2425	-
nickel	Ni	10% or 20%	grey		H2500	92800
			2 grey stripes		H2501	92802
silicon	Si	20%, 36% or 50%	white		H2302 (36%)	91400, 91401 (20%)
			2 white stripes		H2350	91402, 91403
strontium	Sr	3.5%	light blue		H2012	93800
		10%	2 light blue stripes		H2007	93804
			3 light blue stripes			
		12% or 15%	2 light blue stripes	1 orange stripe	-	-
strontium-silicon	Sr-Si	10% Sr - 14% Si	light blue	white	H2700	-
titanium	Ti	6% or 10%	red		H2006	92202
			red	black	H2210	92204, 92205
vanadium	V	5 or 10%	black		H2605 / -	- / -
zirconium	Zr	10%	3 dark blue stripes		H2600	94002, 94003
		or 15%	dark blue	red	H2615	94004
zirconium-vanadium	Zr-V	3% Zr - 2% V	dark blue	black	H2632	-

Table.- Alloys for grain refinement of aluminum:

Alloy	Composition	CEN-spec	AA-spec	Color code
AlTi5	5% Ti balance Al	----	----	red
AlTi6	6% Ti balance Al	AM-92202	H2206	red
AlTi10	10% Ti balance Al	AM-92204	H2210	red/ black
Ti80	80% Ti balance Al and/or flux	----	----	red
AlB3	3% B balance Al	AM-90500	H2203	yellow
AlB4	4% B balance Al	AM-90502	H2204	2x yellow
AlB5	5% B balance Al	AM-90504	H2217	2x yellow
AlB6	6% B balance Al	----	----	yellow/ grey
AlB8	8% B balance Al	----	----	yellow/ black
AlTiB5/1	5% Ti 1% B balance Al	AM-92256	H2252	green
AlTiB3/1	3% Ti 1% B balance Al	AM-92250	H2214	green/ brown
AlTiB5/0.2	5% Ti 0.2% B balance Al	AM-92252	H2207	green/ black

Table.- Alloys for eutectic modification of aluminum

Alloy	Composition	CEN-spec	AA-spec	Color code
AlSr3.5	3.5% Sr balance Al	AM-93800	H2012	light blue
AlSr5	5% Sr balance Al	AM-93802	----	light blue/ yellow
AlSr10	10% Sr balance Al	AM-93804	H2007	2x light blue
AlSr15	15% Sr balance Al	----	----	2x light blue/ orange
AlSr3.5Ti1B0.2	3.5% Sr 1% Ti 0.2% B balance Al	----	----	light blue/ black
AlSr10Ti1B0.2	10% Sr 1% Ti 0.2% B balance Al	AM-93850	H2017	light blue/ red