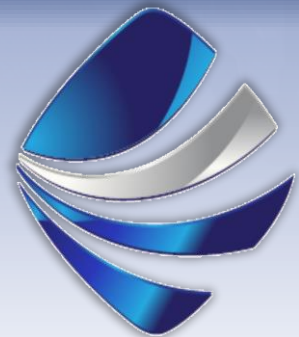




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ALUCAST

Welcome

Alucast trade is synonymous with excellence in supplies of aluminum products. We have a comprehensive sales division that genuinely cares about our customers. Our mission is to provide a complete range of aluminum products, and that our quality and reliability exceed our customers' expectations and requirements; and a service level second-to-none in the market, reflecting our total commitment to excellence.

Products

As specialists in our field, our extensive product range is one of the most comprehensive in the industry. We are new in the industry as a company but our years of industry experience will ensure we remain a major force in the industry for years to come. Alucast is committed to working with our suppliers and customers to improve and expand our range of products, whilst continuing to provide the highest levels of service. We are supported by a team of technical and production experts who ensure that all specialized requirements are met to our customers' exacting specifications. At all times we recognize the fundamental importance of satisfying our customers' needs and strive always to meet and exceed their expectations.

Vision

The Alucast Quality Commitment exists throughout all levels of our company - products, service, and vision. We source our products from the finest Local and International manufacturers, maintaining our 'quality without compromise' ethos. Our commitment results in the most reliable and competitive package available - our customers can be assured they are getting the very best we have to offer.

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Aluminum – the metal of the future

More than ever, Aluminum is now everywhere. As the most abundant, naturally occurring metal in the earth's crust, aluminum is an essential element of modern life. In fact, people use more aluminum today than at any point in the 125-year history of the metal's commercial production. Governments and industries around the world now realize the long term benefits of Aluminum.

The intrinsic and alloy properties of the metal such as strength, lightweight, versatility, durability, conductivity, and most importantly aluminum's recyclable benefits make it ideal for a multitude of industrial applications.

As a rather young metal with just over 140 years of history in commercial use, aluminum has great potential, which can be explored for new applications.

Aluminum is so critical to modern mobility, increasing sustainability and the international economy that without it, many of the conveniences of today's world would simply not exist.

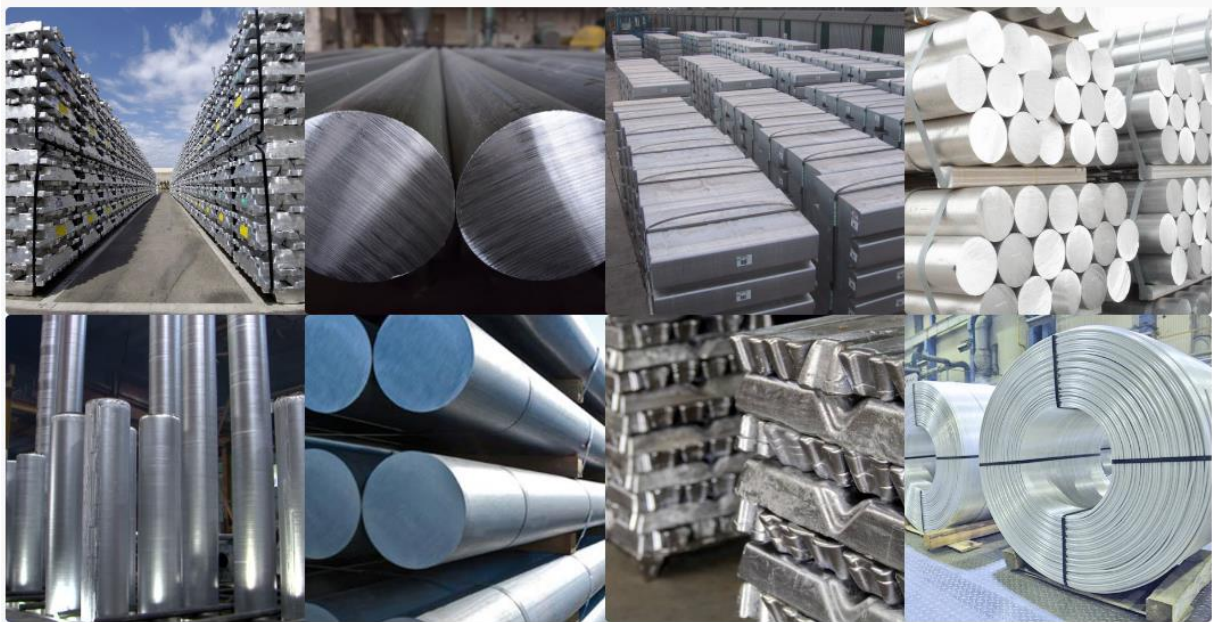


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10 Years of Excellence

Alucast is a leading company in the manufacturing of secondary Aluminum alloy. With our factories in Egypt and now that we are expanding by establishing a new factory in Morocco and with over 10 years of experience in the trading field, we represent many Aluminum smelters companies which produce primary Aluminum to provide the market with its needs of raw materials and the requirements of the industries related to that field.



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Products of Pure Value

1. Secondary aluminum alloy

Secondary alloys are mostly used in automotive and motorcycle applications, but also in recreational vehicles, lawn equipment, hand tools, telecommunications, industrial and outdoor lighting, office equipment, barbeque grills, escalators and housewares. Given the number and range of applications, secondary alloys hold the promise of even more applications in manufacturing. Advantages associated with the use of aluminum alloys, such as lighter weight, excellent mechanical behavior, and good corrosion resistance, constitute the driving force for the introduction of new applications and designs and for the development of new processing solutions. Various processes are competing currently to achieve, both economically and technologically, more expedient production of aluminum alloys castings.

GROUP OF ALLOYS	MARKING OF ALLOY	CHEMICAL COMPOSITION											
			Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Pb	Sn	Ti
AlCu	EN AB-21000	EN AB-AlCu4MgTi	0,15(0,20)	0,30(0,35)	4,2-5,0	0.10	0,20-0,35	—	0.05	0.10	0.05	0.05	0,15-0,25
	EN AB-21100	EN AB-AlCu4Ti	0,15(0,18)	0,15(0,19)	4,2-5,2	0.55	—	—	—	0.07	—	—	0,15-0,25
AlSiMgTi	EN AB-41000	EN AB-AlSi2MgTi	1,6-2,4	0,50(0,60)	0,08(0,10)	0,30-0,50	0,50-0,65	—	0.05	0.10	0.05	0.05	0,07-0,15
	EN AB-42000	EN AB-AlSi7Mg	6,5-7,5	0,45(0,55)	0,15(0,20)	0.35	0,25-0,65	—	0.15	0.15	0.15	0.05	0,05-0,20
AlSi7Mg	EN AB-42100	EN AB-AlSi7Mg0,3	6,5-7,5	0,15(0,19)	0,03(0,05)	0.10	0,30-0,45	—	—	0.07	—	—	0,10-0,18
	EN AB-42200	EN AB-AlSiMg0,6	6,5-7,5	0,15(0,19)	0,03(0,05)	0.10	0,50-0,70	—	—	0.07	—	—	0,10-0,18
	EN AB-43000	EN AB-AlSi10Mg (a)	9,0-11,0	0,40(0,55)	0,03(0,05)	0.45	0,25-0,45	—	0.05	0.10	0.05	0.05	0.15
AlSi10Mg	EN AB-43100	EN AB-AlSi10Mg (b)	9,0-11,0	0,45(0,55)	0,08(0,10)	0.45	0,25-0,45	—	0.05	0.10	0.05	0.05	0.15
	EN AB-43200	EN AB-AlSi10Mg (Cu)	9,0-11,0	0,55(0,65)	0,30(0,35)	0.55	0,25-0,45	—	0.15	0.35	0.10	—	0,15(0,20)
	EN AB-43300	EN AB-AlSi9Mg	9,0-10,0	0,15(0,19)	0,03(0,05)	0.10	0,30-0,45	—	—	0.07	—	—	0.15
	EN AB-43400	EN AB-AlSi10Mg (Fe)	9,0-11,0	0,45-0,9	0,08(0,10)	0.55	0,25-0,50	—	0.15	0.15	0.15	0.05	0,15(0,20)
	EN AB-44000	EN AB-AlSi11	10,0-11,8	0,15(0,19)	0,03(0,05)	0.10	0.45	—	—	0.07	—	—	0.15
AlSi	EN AB-44100	EN AB-AlSi12 (b)	10,5-13,5	0,55(0,65)	0,10(0,15)	0.55	0.10	—	0.10	0.15	0.10	—	0,15(0,20)
	EN AB-44200	EN AB-AlSi12 (a)	10,5-13,5	0,40(0,55)	0,03(0,05)	0.35	—	—	—	0.10	—	—	0.15
	EN AB-44300	EN AB-AlSi12 (Fe)	10,5-13,5	0,45-0,9	0,08(0,10)	0.55	—	—	—	0.15	—	—	0.15
	EN AB-44400	EN AB-AlSi9	8,0-11,0	0,55(0,65)	0,08(0,10)	0.50	0.10	—	0.05	0.15	0.05	0.05	0.15
	EN AB-45000	EN AB-AlSi6Cu4	5,0-7,0	0,9(1,0)	3,0-5,0	0,20-0,65	0.55	0.15	0.45	2.00	0.30	0.15	0,20(0,25)
AlSi5Cu	EN AB-45100	EN AB-AlSi5Cu3Mg	4,5-6,0	0,50(0,60)	2,6-3,6	0.55	0,20-0,45	—	0.10	0.20	0.10	0.05	0,20(0,25)
	EN AB-45200	EN AB-AlSi5Cu3Mn	4,5-6,0	0,7(0,8)	2,5-4,0	0,20-0,55	0.40	—	0.30	0.55	0.20	0.10	0,15(0,20)
	EN AB-45300	EN AB-AlSi5Cu1Mg	4,5-5,5	0,55(0,65)	1,0-1,5	0.55	0,40-0,65	—	0.25	0.15	0.15	0.05	0,05-0,20
	EN AB-45400	EN AB-AlSi5Cu3	4,5-6,0	0,50(0,60)	2,6-3,6	0.55	0.05	—	0.10	0.20	0.10	0.05	0,20(0,25)
	EN AB-46000	EN AB-AlSi9Cu3 (Fe)	8,0-11,0	0,6-1,1	2,0-4,0	0.55	0,15-0,55	0,15	0.55	1.20	0.35	0.25	0,20(0,25)
AlSi9Cu	EN AB-46100	EN AB-AlSi11Cu2 (Fe)	10,0-12,0	0,45-1,0	1,5-2,5	0.55	0.3	0,15	0.45	1.70	0.25	0.25	0,20(0,25)
	EN AB-46200	EN AB-AlSi8Cu3	7,5-9,5	0,7(0,8)	2,0-3,5	0,15-0,65	0,15-0,55	—	0.35	1.20	0.25	0.15	0,20(0,25)
	EN AB-46300	EN AB-AlSi7Cu3Mg	6,5-8,0	0,7(0,8)	3,0-4,0	0,20-0,65	0,35-0,60	—	0.30	0.65	0.15	0.10	0,20(0,25)
	EN AB-46400	EN AB-AlSi9Cu1Mg	8,3-9,7	0,7(0,8)	0,8-1,3	0,15-0,55	0,30-0,65	—	0.20	0.80	0.10	0.10	0,10-0,18
	EN AB-46500	EN AB-AlSi9Cu3 (Fe)	8,0-11,0	0,6-1,2	2,0-4,0	0.55	0,15-0,55	0,15	0.55	3.00	0.35	0.25	0,20(0,25)
	EN AB-46600	EN AB-AlSi7Cu2	6,0-8,0	0,7(0,8)	1,5-2,5	0,15-0,65	0.35	—	0.35	1.00	0.25	0.15	0,20(0,25)
	EN AB-47000	EN AB-AlSi12	10,5-13,5	0,7(0,8)	0,9(1,0)	0,05-0,55	0.35	0,10	0.30	0.55	0.20	0.10	0,15(0,20)
	EN AB-47100	EN AB-AlSi12Cu1 (Fe)	10,5-13,5	0,6-1,1	0,7-1,2	0.55	0.35	0,10	0.30	0.55	0.20	0.10	0,15(0,20)
AlSiCuNiMg	EN AB-48000	EN AB-AlSi12CuNiMg	10,5-13,5	0,6(0,7)	0,8-1,5	0.35	0,9-1,5	—	0,7-1,3	0.35	—	—	0,20(0,25)
AlMg	EN AB-51000	EN AB-AlMg3 (b)	0,45(0,55)	0,45(0,55)	0,08(0,10)	0.45	2,7-3,5	—	—	0.10	—	—	0,15(0,20)
	EN AB-51100	EN AB-AlMg3 (a)	0,45(0,55)	0,45(0,55)	0,03(0,05)	0.45	2,7-3,5	—	—	0.10	—	—	0,15(0,20)
	EN AB-51200	EN AB-AlMg9	2.5	0,45-0,9	0,08(0,10)	0.55	8,5-10,5	—	0.10	0.25	0.10	0.10	0,15(0,20)
	EN AB-51300	EN AB-AlMg5	0,35(0,55)	0,45(0,55)	0,05(0,10)	0.45	4,8-6,5	—	—	0.10	—	—	0,15(0,20)
	EN AB-51400	EN AB-AlMg5(Si)	1,3(1,5)	0,45(0,55)	0,03(0,05)	0.45	4,8-6,5	—	—	0.10	—	—	0,15(0,20)

NOTE : ingot weight 10 KG

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2. Aluminum Deox 96%



Group of alloys		Chemical composition										
		Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Pb	Sn	Ti
De-oxidizer	Al96	0.5	1	0.05	0.8	0.8	0.05	0.05	0.05	0.05	0.05	0.05
		NOTE : ingot weight 10 KG										

3. Slabs



Classification and dimensions

Big dimensions(mm)	Small dimensions(mm)
500x1600 500x1750	500x1100 540x1060
500x1500 540x1550 500x1650 610x1600	500x1250 540x1310
600x1500	500x1350
600x2000 600x2100	450x1420 500x1180

4. T-Bars and molds



Specification

	Ingot weight	in bundles of:	weight of bundle
a) Ingots 99.7% & 99.8%	18-22 kgs	44 ingots	One ton max
b) * foundry ingots	8 - 10 kgs	89 ingots	One ton max
	dimensions (mm)	length(m)	weight of 1 m
c) ** T-bars	280 x 810	up to 1 m	1000 kgs approx.

***SR or SB modified or non-modified**

****Alloy 99.7%, 99.8%, 99.7 EC**

5. Billets



Specification

Diameters (mm)				
127	178	203	228	254
a) Tolerance	+1 mm			
b) Max Length	6 meters, +10 mm			
c) Curvature	2 mm/meter			
Casting technique				
- Air Slip				

6. Wire Rod



Specification

Rod d.	Coil outer d.	Coil inner d.	Height	Weight
9.00 mm \pm 0.3	1250 mm Max	750 mm \pm 50 mm	900 mm	1500 kg approx.
9.50 mm \pm 0.5	1350 mm Max	540 mm \pm 50 mm	850 mm	2000 kg approx.
*Alloy Ser. 1000				

7. Disks



Diameters in (mm)

1.	420	350	280	160
2.	425	355	285	180
3.	430	360	290	190
4.	435	365	295	200
5.	440	370	300	210
6.	445	375	305	220
7.	450	380	310	230
8.	460	385	315	240
9.	470	390	320	250
10.	480	395	325	255
11.	490	400	330	260
12.	500	405	335	265
13.	520	410	340	270
14.	540	415	345	275

Thickness from (1:3 mm) – Alloys “1050, &3003”

Available tempers (O, & H14)

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Chemical Properties

Inter. Marking	DIN Marking	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Zr	V	B	Other Each	Other Total
1050	Al 99.5	0.25	0.40	0.05	0.05	0.05	0.05	0.05	0.03		0.05		0.03	
1060		0.25	0.35	0.05	0.03	0.03		0.05	0.03		0.05		0.03	
1070	Al 99.7	0.20	0.25	0.04	0.03	0.03		0.04	0.03		0.05		0.03	
1080	Al 99.8	0.15	0.15	0.03	0.02	0.02		0.03	0.03		0.05		0.02	
1100	Al 99 Cu	+FE 0.95	+SI 0.95	0.15 0.20	0.05 0.05		0.10						0.05	0.15
1145		+FE 0.55	+SI 0.55	0.05		0.05			0.05	0.03		0.05		0.03
1200	Al 99	+FE 1.00	+SI 1.00	0.05	0.05			0.10	0.05				0.05	0.15
1230		+FE 0.70	+SI 0.70	0.10	0.05	0.05		0.10	0.03		0.05		0.03	
1350		0.10	0.40	0.05	0.01		0.01	0.05	+V 0.02	+TI 0.02	0.05		0.03	0.10
3003	Al Mn Cu	0.60	0.70	0.05 0.20	1.00 1.50			0.10					0.05	0.15
3004	Al Mn 1 Mg	0.30	0.70	0.25	1.00 0.51	0.80 1.30		0.25					0.05	0.15
3005	Al Mn 1 Mg 0.5	0.60	0.70	0.30	1.00 1.50	0.20 0.60	0.10	0.25	0.10				0.05	0.15
3103	Al Mn 1	0.50	0.70	0.10	0.90 1.50	0.30	0.10	0.20	+ZR 0.10	+TI 0.10			0.05	0.15
3105	Al Mn 0.5 Mg 0.5	0.60	0.70	0.30	0.30 0.80	0.20 0.80	0.20	0.40	0.10				0.05	0.15
5005	Al Mg 1	0.30	0.70	0.20	0.20 0.10	0.50 1.10 0.20	0.10	0.25					0.05	0.15
5010		0.40	0.70	0.25	0.30	0.60	0.15	0.30	0.10				0.05	0.15
5050	Al Mg 1.5	0.40	0.70	0.20	0.10	1.00 1.80	0.10	0.25					0.05	0.15
5083	Al Mg 4.5 Mn	0.40	0.40	0.10	0.40 1.00	4.00 4.90	0.05 0.25	0.25	0.15				0.05	0.15
5154	Al Mg3	0.25	0.40	0.10	0.10	3.10 3.90	0.15 0.35	0.20	0.20				0.05	0.15
5454	Al Mg 2.7 Mn	0.25	0.40	0.10	0.50 1.00	2.40 3.00	0.05 0.20	0.25	0.05 0.20			0.00 08	0.05	0.15
6063	Al Mg 0.6 Si	0.30 0.60	0.35 Max	0.10 Max	0.20 Max	0.45 0.90	0.10 Max	0.10 Max	0.10 Max				0.05 Max	0.15 Max
8011	Al Fe Si	0.50 0.90	0.60 1.00	0.10	0.10	0.05	0.05	0.10	0.08				0.05	0.15

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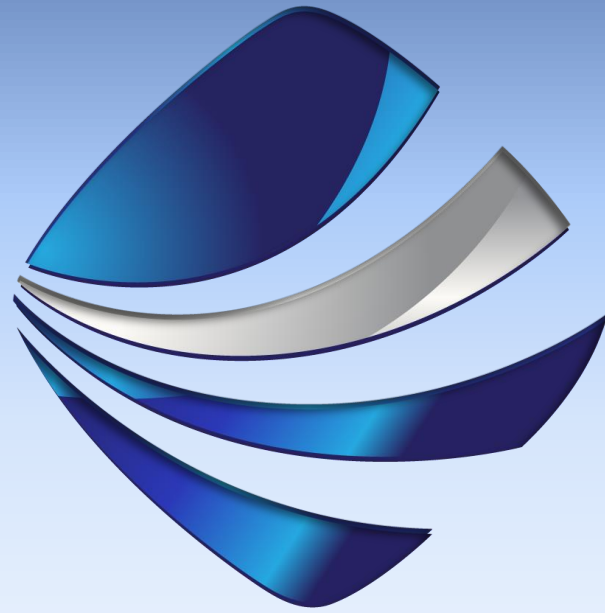
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