

Nano Oxide Noghreh Co.

Products Catalog



WHO WE ARE?

We are one of the leader firms in the manufacturing and trading of high quality zinc alloys (Zamak), zinc oxide and ammonium chloride (NH4Cl) in Middle-East. We have two seprated and specialized manufacturing facilities with more than 18 years of foundry experience in zinc alloys and chemical manufacturing of ammonium chloride.

WHAT WE DO?

During the production years, we attemped alot to reach the highest quality of products targeting the international markets in Europe, Middle-East and North Africa. The development of advanced melting furnaces and the use of automatic feed machines to improve the productivity for producing of zamak ingots. Using quantometer in accordance with international standards helped us providing the accurate data analysis of zamak ingots to obtain the superior and certified international level of production. Today, we supply 800 tons of zamak ingots per month in the first phase of development. Also, the production capacity for ammonium chloride is 300 tons monthly.

OUR PRODUCTS

The company is the producer of high quality zinc alloys (Zamak ingots), zinc oxide (ZnO) and ammonium chloride (NH4Cl) as follows:



Zamak Ingots

Zamak is a family of alloys with a base metal of zinc and alloying elements of aluminium, magnesium, and copper. Our products includes Zamak 2, Zamak 3 and Zamak 5.



Zinc Oxide

ZnO is white powder which is used as an additive in numerous materials and products including cosmetics, food supplements, rubbers, plastics, ceramics, glass, cement.



Ammonium Chloride

Ammonium Chloride is an inorganic compound with the formula NH4Cl and a white crystalline salt that is highly soluble in water.



OUR PRODUCTS ANALYSIS

Zamak 3

www.zamakco.com	Technical Datasheet ZAMAKCO									
Report No: ZK321H1	ZAMAK 3 ZL3 / ZL0400 / ZnAl4			Standard: EN1774						
Chemical Composition	AI	Cu Mg		Pb	Fe	Cd	Sn	Si	Ni	
	3.8 - 4.2	≤ 0.03	0.035 - 0.06	≤ 0.003	≤ 0.02	≤ 0.003	≤ 0.001	≤ 0.02	≤ 0.001	
Physical Data										
Density (g/cm³ at 20°C) 6.6										
Solidification range (°C)		381-387								
Shape (weight)	Ingots (12Kg)									
Ingot Size (L x W x H) (cm)	51 x 1	51 x 12 x 3.5								
Ingots per bundle 48										
Packing/Weight		Strapped bundles of about 576Kg								
Feet/Pallet		Zinc alloy feet								

Zamak 5

www.zamakco.com	Technical Datasheet ZAMAKCO											
Report No: ZK521G1	ZAMAK 5 ZL5 / ZL0410 / ZnAl4Cu1			Standard: EN1774								
Chemical Composition	Al	Cu	Mg	Pb	Fe	Cd	Sn	Si	Ni			
	3.8 - 4.2	0.7 - 1.1	0.035 - 0.06	≤ 0.003	≤ 0.02	≤ 0.003	≤ 0.001	≤ 0.02	≤ 0.001			
Physical Data												
Density (g/cm³ at 20°C)		6.6										
Solidification range (°C)		381-387										
Shape (weight)		Ingots (12Kg)										
Ingot Size (L x W x H) (cm)		51 x 12 x 3.5										
Ingots per bundle						48						
Packing/Weight		Strapped bundles of about 576Kg										
Feet/Pallet		Zinc alloy feet										
Note: Any amendments are also available based upon commercial agreement.												

OUR PRODUCTS ANALYSIS

Zinc Oxide

www.zamakco.com	Technical Datasheet ZAMAKCO							
Report No: ES412L85B	Zinc Oxide ZnO	Atomic Absorption Fusion (AAF)						
Elements and Properties	Elements and Properties							
Zinc Oxide	Zinc Oxide							
Calcination loss	Calcination loss							
Substances soluble in water	0.4 - 0.5							
Substances soluble in diluted acc	100							
Loss at 105 degrees centigra	Loss at 105 degrees centigrade							
Lead	Lead							
Copper		0.0031						
Iron	Iron							
Manganese	Manganese							
Nickel	0.00001							
Cadmium	0.0006							
Chlorin	0.5							
Bulk density	543gr/lit							

Ammonium Chloride

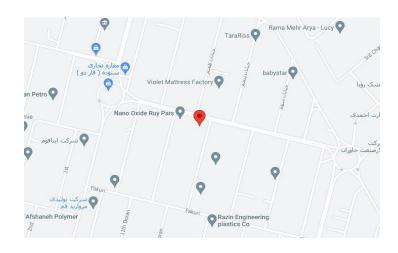
www.neshador.com		Technical Datasheet											NESHADOR		
Report No: NR847G3	35N	Ammonium Chloride NH4Cl								AF-01-Lithium Fusion					
Elements	SiO2	Al203	BaO	CaO	Fe2O3	K20	MgO	MnO	Na2O	P205	SO3	TiO2	Nh4	CI	NH4CI
Unit	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
DL	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Scheme	WR-01	WR-01	WR-01	WR-01	WR-01	WR-01	WR-01	WR-01	WR-01	WR-01	WR-01	WR-01	WR-01	WR-01	WR-01
NR847G35N	<	<	<	0.05	<	<	<	<	0.17	<	0.05	<	33.63	66.10	99.73



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FACTORY

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Our connection would truly be a symbol of mutual trust, quality and dynamism in metal and chemical industries.