

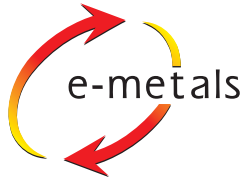
The Professionally managed company has been manufacturing & Trading High grade Aluminium Deoxidents produced from superior grade aluminium scrap-processed, melting and quality controlled by experienced metallurgical engineers as per **ASTM B37-96 Grade 950A**

**Grade-1 : AL 93% Min.** is suitable for mild steel and low alloy steels.

**Grade-2 : Al 97% Min.** is suitable for alloy steels and special steels.

**Aluminium** - Molten steel is saturated with oxygen and nitrogen when it exits the converters.

**Aluminium** acts as a very powerful deoxidizer, nitride former, grain refiner and alloying agent in steels.



### Aluminium Notch Bars :

Purity of Al: 93% - 99%

Sizes of 1 kg, 2 kg.



### Aluminium Cubes :

Purity of Al: 93% - 99%

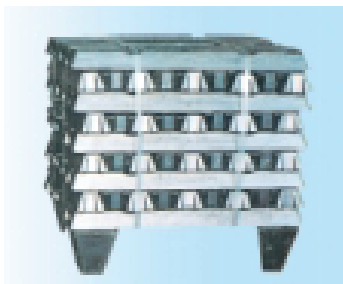
Sizes of 250 gms, 500 gms.



### Aluminium Semi sphere :

Purity of Al: 93% - 99%

Sizes of 250 gms, 500 gms.



### Aluminium Alloy Ingots :

**BS : 1490** : LM2, LM4, LM6, LM24, LM25

**DIN : 1725** : 230, 231, 233, 226, 331

**JIS HS : 202** : ADC-10, ADC-12, AC4B

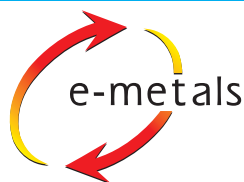
**ASTM** : A356, A360, A380, A413,

Sizes of 7 kg ingots with 500 kg bundle.

- Aluminium Master alloys
- Aluminium Modifiers Grain refiners
- Fluxes & Chemicals
- Aluminium scrap as per ISRI

# Aluminium-Granules for steel refining

*Produced in a latest melting  
process from high grade  
Aluminium metal scrap*



## Chemical analysis :

special feature is a low content in alloy impurities like Cu, Zn, Pb, Sn...

<b>Al</b>	> 97 %, max. 99.5 % (depending on raw materials)
<b>Mg</b>	< 1.0 %
<b>Si</b>	< 1.0 %
<b>Mn</b>	< 1.0 %
<b>Cu</b>	< 0.5 %
<b>Zn</b>	< 0.5 %

**Size distribution** of 5 – 12 mm is particularly suitable for :

- excellent conveying properties
- suitable for automatic hopper and dosing systems
- fast and uniform melting and dissolution
- controlled and reliable conversion
- high and reproducible Al-recovery

**other sizes on request**

## Application:

- Reduction of the oxygen content in the steel melt by addition of Al-ingots, Al-granules during tapping of liquid steel from the EAF or BOF, IMF, Ingot moulds, Tundish. Specific consumption up to 2,5 kg/ton of steel.
- Treatment of ladle slag to reduce FeO and MnO levels below 0.8 % minimum. Specific amounts 0.3 – 0.5 kg/ton of steel.
- Addition during vacuum treatment for Al-alloying.

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