

## Primary Aluminium Ingots

<b>Weight</b>	<b>16 kg or 20 kg (IN) or 2000 kg (IS)</b>
<b>Min. Al</b>	<b>99.7 %</b>



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# Primary Aluminium Ingots



## Chemical composition of IN type ingots of primary Aluminium - according to standard EN 576:2003 in Mass %

Impurities (max.)										Other (max.)	Al (min.)*
Si	Fe	Cu	Mn	Mg	Zn	Ti	Ga	V	Each		
0.10	0.20	0.01	—	0.02	0.03	0.02	0.03	0.03	0.03	0.03	99.7

\* This value is determined by subtracting, from 100%, the sum of all metallic elements present in amounts of 0.01% or more, each specified in the "impurities" section of the above table.

Analysis method for the chemical composition: optical emission as per ASTM E1251-07.

## Chemical composition of IS type ingots of primary Aluminium - according to standard EN 573-3:2007 in Mass %

Impurities (max.)										Other (max.)	Al (min.)*	
Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Ga	V	Each	
0.20	0.25	0.03	0.03	0.03	—	—	0.07	0.03	—	—	0.03	99.7

\* This value is determined by subtracting, from 100%, the sum of all metallic elements present in amounts of 0.01% or more, each specified in the "impurities" section of the above table.

Analysis method for the chemical composition: optical emission as per ASTM E1251-07.

### Weight

#### IN ingots

16 kg ± 2 kg /ingot  
20 kg ± 2 kg/ingot

#### IS ingot

approx. 2000 kg  
(Size: 1300 x 1150 x 500 mm)

### Tolerances for IS ingot in mm

#### Length

± 25

#### Thickness

± 5

#### Width

+10/-0

### Packaging

The 20 kg aluminium ingots are supplied in bundles weighing 880 kg ± 10% each.

The 16 kg aluminium ingots are supplied in bundles weighing 976 kg ± 13%.

The IN ingot bundles are packed using three zinc-plated strips.

Each IS ingot is packed on two wooden spacers and fastened by two steel straps.

### Delivery

Bundles are transported by covered rail wagon or by truck to the port of final destination.