

## Aluminium

## 4015 H14 Sheet

Datasheet Updated  
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### SPECIFICATIONS

Commercial	4015 H14
EN	4015 H14

High quality general purpose aluminium alloy.

### CHEMICAL COMPOSITION

BS EN 573-3  
Alloy 4015

Element	% Present
Iron (Fe)	0.00 - 0.70
Copper (Cu)	0.00 - 0.20
Magnesium (Mg)	0.10 - 0.50
Silicon (Si)	1.40 - 2.20
Zinc (Zn)	0.00 - 0.20
Manganese (Mn)	0.60 - 1.20
Other (Each)	0.00 - 0.05
Others (Total)	0.00 - 0.15
Aluminium (Al)	Balance

### ALLOY DESIGNATIONS

#### TEMPER TYPES

The most common tempers for 4015 aluminium are:

- H16
- H12
- H18
- H14

### SUPPLIED FORMS

- Sheet

### APPLICATIONS

Industry application include:

- Building
- Food
- Transport
- Packaging

### CHARACTERISTICS

- Good ductility
- Good mechanical strength
- Similar corrosion resistance to the 3000 series alloys
- Suitable for most applications in mill finish or painted
- Not recommended for use in aggressive environments

### MECHANICAL PROPERTIES

BS EN 485-2  
Sheet 0.2mm to 3.00mm

Property	Value
Tensile Strength	150 - 200 MPa
Proof Stress	120 Min MPa
Hardness Brinell	50 HB

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