

ALUMINIUM 5052 H38

Aluminium 5052 H38:

Sign Sheet Distributors supplies Aluminium Alloy 5052 H38 which is produced under Australian Standard A.S.1734 and is suitable for use in the Road Signage Industry.

CHARACTERISTICS

- ° Corrosion Resistance - Excellent
- ° Anodising - Good
- ° Formability - Good
- ° Machinability - Fair
- ° Weldability - Excellent
- ° Brazeability - Good

APPLICATIONS:

- ° Road Signs
- ° General sheet metal work
- ° Appliances
- ° Fuel Tanks
- ° Street light standards
- ° Marine environment paneling & structures.

Technical Specifications:

Mechanical:

Elongation % in 50mm: 0.30-0.80 Ga Range
Yield Strength MPa: 220 MPa
Ultimate Tensile Strength: 270 Mpa
Typical Ultimate Shear: 165 MPa

Modulus of Elasticity: 70,000 Mpa

Bend Radii – 1.6mm: 2.5 x thickness
Minimum Recommended internal bend Radii for 90 deg. Cold bends at right angle to the rolling direction.

Annealing: 350 Deg. C. 9 5 Deg. C.

All technical specifications are given to the best accuracy from information available at the time of printing.