

5052 Aluminium

NATURAL

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CHARACTERISTICS

Tensile Strength (MPa)

210 @ H32

Density

2680 kg/m³

DESCRIPTION

Aluminium Alloy 5052 has medium strength, good weldability and very good corrosion resistance in marine and seawater applications. Commonly used as sheet and plate forms.

CHEMICAL ANALYSIS (%)

	Al	Mg	Cr	Mn					
MIN	Remainder	2.2	0.15	0					
MAX	Remainder	2.8	0.25	0.1					

NOTES

5052 is readily weldable and cold worked. Because Aluminium is a reactive metal, it may corrode more quickly when in electrical contact with most other metals. Bimetallic reaction needs to be a prime consideration in selecting a material combination.

APPLICATIONS

Road Signs, Nameplates, Panelling, Tread plates and Tubes and vessels.

WARNING: While all care has been taken to provide accurate information here, it should be noted that it is for a guide only and any information must be checked by the manufacturer before being relied upon.

EDCON STEEL

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