

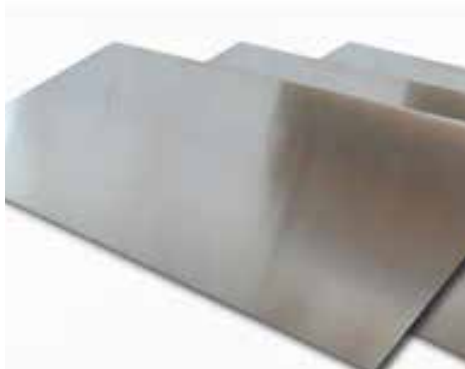
DESCRIPTION: Es una aleación de aluminio endurecido que contiene como principales elementos aluminio, magnesio y silicio.

DIMENSION PER SHEET: 1.25 mts. x 2.5 mts.

THICKNESS(Inch): $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, 1

COMPOSICIÓN QUÍMICA EN %										
%	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Others	Al
MIN	0.40		0.15		0.80	0.04				
MAX	0.80	0.70	0.40	0.15	1.20	0.34	0.25	0.15	0.15	Resto
PROPIEDADES FÍSICAS										
DENSITY (GR/CM ³)			2.7	Expansion Coef. (0 a 100 °C) [°C ⁻¹ x 10 ⁶]				23.6		
MELTING POINT (°C)			575 - 650	Thermal conductivity (0 a 100 °C) [W/m °C]				Temper T6:167		
ELASTICITY MODULE [MPA]			69500	Resistivity at 20 °C [μ Ωcm]				Temper T6:4.0		
POISSON COEFFICIENT			0.33	Specific heat (0 a 100 °C)				940		

PROPIEDADES TECNOLÓGICAS			
PROCESS	CLASS	PROCESO	CLASS
Weldability:		Maquinabilidad (Temple T6)	
Electron beam	A	Chip cutting	A
Inert Gas (TIG or MIG)	B	Mechanized sup. Brightness	B
Resistance	B		B
Brazing	B		B
Deep Inlay:		Corrosion resistance	
Annealing		Atmospheric agents	A
Semi hard		Marine enviroment	B
Hard			
Embossment:		Anodized	
Temper 0		Protection	A
		Bright	C
		Hard	A



ADVANTAGES

- Weldable
- Corrosion and mechanical resistance

APPLICATIONS

- Shaped sheet metal components and / or welded, mechanical parts, plastic industry, trucks, towers, canoes, cars, furniture, pipes and other structural applications where required