



## FEATURES

Medium mechanical resistance, even in the annealed condition, excellent resistance to corrosion, particularly sea water. Forming easy. Good weldability.

## ROUTINE USE

Boats, vehicles, containers, appliances, chemicals and food, architecture and furniture.

## POSSIBILITIES OF APPLICATION AND USE

	CRITERIA	H-111
CORROSION	Resistance to normal atmosphere	Excellent
	Resistance industrial atmosphere	Excellent
ELECTRICAL COND.	Electrical conductivity	Medium
	Polishing	Not Used
SUP. TREATMENT	Industrial anodizing	Excellent
	Decorative anodizing	Excellent
	Hot folded	Excellent
	Cold folded	Excellent
CONFORMED	Inlaid/repulsed	High
	Forged	Not Used
	Machining	Not Used
ASSEMBLY	Welding under protective atmosphere	Excellent
	Resistance welding	Good

## CHEMICAL COMPOSITION

ELEMENTS	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Al	OTHER
MINIMUM	-	-	-	-	2.60	-	-	-	-	-	-
MAXIMUM	0.40	0.40	0.01	0.50	3.60	0.30	-	0.20	0.15	REST	-

% weight

## MECHANICAL FEATURES

METALLURGICAL STATUS	Rp 0.2 (MPa)	Rm (MPa)	A50 (%)	Hardness HB
H-111	80	190-210	18	52

Plate: Smoothed, checkered, corrugated

Dimensions and thickness: Consult