



FEATURES

Alloy developed to fill in features between 6063 and AlCu alloys and AlZn group. Good attitude to welding.

ROUTINE USE

Aerospace applications, molds, machinery, ultralight, shipbuilding, bicycle parts, military uses, structure trucks, etc..

POSSIBILITIES OF APPLICATION AND USE

	CRITERIA	T-4
CORROSION	Resistance to normal atmosphere	Good
	Resistance industrial atmosphere	Good
ELECTRICAL COND.	Electrical conductivity	-
SUP. TREATMENT	Polishing	Regular
	Industrial anodizing	Good
	Decorative anodizing	Regular
	Hot folded	-
CONFORMED	Cold folded	-
	Inlaid/repulsed	-
	Forged	Good
	Machining	Good
ASSEMBLY	Welding under protective atmosphere	Regular
	Resistance welding	Good

CHEMICAL COMPOSITION

ELEMENTS	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Al	OTHER
MINIMUM	0.40	-	0.15	-	0.80	0.04	-	-	-	-	-
MAXIMUM	0.80	0.70	0.40	0.15	1.20	0.35	-	0.25	0.15	REST	0.05

% weight

MECHANICAL FEATURES

METALLURGICAL STATUS	Rp 0.2 (MPa)	Rm (MPa)	A50 (%)	Hardness HB
T-4	110	280	15	70
T-6	240	260	8	100