

# EN AW-6061 / AlMg1SiCu



## Chemical analysis:

Si ≤ %	Fe ≤ %	Cu ≤ %	Mn ≤ %	Mg ≤ %	Cr ≤ %	Ni ≤ %	Zn ≤ %	Ti ≤ %	Bi	Pb	other
0,40-0,80	0,70	0,15-0,40	0,15	0,80-1,20	0,04-0,35		0,25	0,15			0,15

## Comparison of norms:

material number	EN	AISI	UNS	AFNOR	JIS
3.3211	EN AW-6061				

## Products:

plates	strip / foil	profiles	tubes	cut-to-size	fittings	drawing profiles	discs / rings	bars	hollow bars	forgings	tear plates
X	X	X	X			X					

## Description:

- cold forming properties limited when cured
- weldable with all common procedures
- well suited for coating / anodizing
- good machinability in cured condition
- good corrosion resistance, fair in seawater
- well suited for abrasion soldering and brazing with flux

## Fields of application:

- construction industry
- engineering
- ladders