

# EN AW-6060 / AlMgSi0,5



## Chemical analysis:

Si ≤ %	Fe ≤ %	Cu ≤ %	Mn ≤ %	Mg ≤ %	Cr ≤ %	Ni ≤ %	Zn ≤ %	Ti ≤ %	Bi	Pb	Other
0,30-0,60	0,10-0,30	0,10	0,10	0,35-0,60	0,05		0,15	0,10			0,15

## Comparison of norms:

Material number:	EN	AISI	UNS	AFNOR	JIS
3.3206	EN AW-6060				

## Products:

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

## Description:

- good cold forming properties when cured
- weldable with all common procedures, except resistance welding
- very well suited for coating / anodizing, also decorative
- good machinability in cured condition
- good corrosion resistance, even in seawater
- well suited for abrasion and soft soldering and brazing
- standard alloy for extrusion profiles

## Fields of application:

- construction industry
- engineering
- automotive engineering
- façade engineering
- flagpoles
- food industry
- medical and rehab (rehabilitation) technology
- door and window construction