


6026 ALUMINIUM

6026 Aluminium has been developed as a replacement to grade 6262 to meet the new environmental standards in Europe for lead content, whilst still retaining very good machinability. 6026 is also recommended for components which require good corrosion resistance, aesthetic finishes, and it can also be readily anodised

Colour Code	Stocked Sizes
 Dark Green (Bar end)	12 mm to 200 mm diameter.
	Bar Finish
	Cold Drawn

Chemical Composition		
	Min. %	Max. %
Silicon	0.60	1.40
Iron	0	0.70
Copper	0.20	0.50
Manganese	0.20	1.00
Magnesium	0.60	1.20
Chromium	0	0.30
Zinc	0	0.30
Titanium	0	0.20
Bismuth	0.50	1.50
Lead	0	0.40

Minimum Mechanical Properties						
Condition	T6	Typical	T8	Typical	T9	Typical
Tensile Strength RM N/mm ²	310	360	345	370	360	400
Proof Stress RP 0.2 N/mm ²	260	330	315	340	330	380
Elongation A5%	8	10	4	10	4	8
Brinell Hardness HB	95	100	100	105	100	110

*Material stocked generally in condition T6
Check test certificate if critical for end use.

Machining
This grade has been developed for optimised consistent machinability, producing short tightly curled chips and rapid metal removal rates.

Anodising
Good anodising properties.

Interlloy believes the information provided is accurate and reliable. However no warranty of accuracy, completeness or reliability is given, nor will any responsibility be taken for errors or omissions.

