

aluminium

et cetera



Lead free 6026lf

Environmentally Friendly
High machinability
Good corrosion resistance
Medium/high mechanical properties, etc.

Lead free aluminium alloy 6026lf

Lead free alloy 6026LF is an environmentally friendly alloy, suitable for anodizing, hot forging, high-speed machining, etc. 6026LF has excellent properties, such as high machinability, good chip-breaking, good corrosion resistance, medium/high mechanical properties, and it contains no tin, which helps prevent cracking in the material. Lead free 6026LF meets the new requirements according to REACH, RoHS (ECHA): Pb <0.1%.

mechanical properties

	Temper	Dimension (mm)	Tensile str. Rm MPa	Yield str. Rp0,2 MPa	Elongation A%	Hardness Brinell (rek. värde)
Drawn	T6	≤80	370	300	8	95
Drawn	T8	≤80	345	315	4	95
Drawn	T9	≤80	360	330	4	95
Extruded	T6	≤140	370	300	8	95
Extruded	T6	140<D≤200	340	250	8	90
Extruded	T6	200<D≤250	300	200	8	90

chemical composition - EN373-3

Si	FE	Cu	Mn	Mg	Cr	Ti	Zn	Pb	Bi	Sn	Others each	Others total
0,60	0,70	0,20	0,20	0,60	0,30	0,20	0,30	0,10	0,50	0,05	0,05	0,15
1,40	max	0,50	1,00	1,20	max	max	max	max	1,50	max	max	max