

Series	Alloying Constituents	Metal Properties	Clear Coating Properties	Uses	Common alloys	High Gloss*	Satin *	Polish level	Matte	Anodising Quality
1XXX	None	soft conductive	clear bright	cans architectural						
2XXX	Copper	very strong hard low elongation	yellow	aircraft mechanical automotive	2011	Yes	Yes	Excellent	Yes	Excellent
3XXX	Manganese	strong small grain	grayish-brown	cans architectural lighting						
4XXX	Silicon	strong fluid	dark gray	architectural lighting						
5XXX	Magnesium	strong ductile fluid	clear	architectural welding wire Gen Fab Lighting Marine	5005 5011 5053 5083 5085	No		Medium Poor Poor Poor Poor	Yes	Good
6XXX	Magnesium and Silicon	strong ductile	clear	architectural structural	6061 6060	Yes	Yes	Excellent	Yes	Excellent
7XXX	Zinc	very strong	clear	automotive	7075 7070	Yes	Yes	Excellent	Yes	Excellent
Cast	Silicon	Hard	Rarely anodise	automotive	Sand Cast Die Cast	No	No	Reasonable	No	Very poor

* Finish is pending on quality of the finishing prior to anodising.