

壓鑄用鋁合金錠成份規格表

附註：規格表是以較通用之成份為參考基礎

JIS (Japan)	AA (USA)	Si	Cu	Mg	Zn	Fe	Mn	Ni	Sn	Al
ADC 1	A413	11.0~13.0	1.0MAX	0.3MAX	0.5MAX	1.3MAX	0.3MAX	0.5MAX	0.1MAX	BAL
ADC 3	A360	9.0~10.0	0.6MAX	0.4~0.6	0.5MAX	1.3MAX	0.3MAX	0.5MAX	0.1MAX	BAL
ADC 5	A518	0.3MAX	0.2MAX	4.0~8.5	0.1MAX	1.8MAX	0.3MAX	0.1MAX	0.1MAX	BAL
ADC 6	A514	1.0MAX	0.1MAX	2.5~4.0	0.4MAX	0.8MAX	0.4~0.6	0.1MAX	0.1MAX	BAL
ADC 10	A380	7.5~9.5	2.0~4.0	0.3MAX	1.0MAX	1.3MAX	0.5MAX	0.5MAX	0.2MAX	BAL
ADC 12	A383	9.6~12.0	1.5~3.5	0.3MAX	1.0MAX	1.3MAX	0.5MAX	0.5MAX	0.2MAX	BAL
-	A356	6.5~7.5	0.1MAX	0.3~0.45	0.05MAX	0.12MAX	0.05MAX	-	-	BAL

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General Designation	ASTM (USA)	Al	Mg	Cu	Fe	Pb	Cd	Sn	Ni	Zn
Zamak 2	AC43A	3.9~4.3	0.025~0.05	2.7~3.3	0.035MAX	0.0040MAX	0.0030MAX	0.015MAX	-	BAL
Zamak 3	AG40A	3.9~4.3	0.03~0.06	0.10MAX	0.035MAX	0.0040MAX	0.0030MAX	0.0015MAX	-	BAL
Zamak 5	AC41A	3.9~4.3	0.03~0.06	0.75~1.1	0.035MAX	0.004MAX	0.003MAX	0.0015MAX	-	BAL
Zamak 7	AG40B	3.9~4.3	0.010~0.02	0.10MAX	0.035MAX	0.0030MAX	0.002MAX	0.001MAX	0.005~0.02	BAL
ZA-8	-	8.2~8.8	0.02~0.03	0.9~1.3	0.035MAX	0.005MAX	0.005MAX	0.002MAX	-	BAL
ZA-12	-	10.8~11.5	0.02~0.03	0.5~1.2	0.005MAX	0.005MAX	0.005MAX	0.002MAX	-	BAL
ZA-27	-	25.5~28.0	0.012~0.02	2.0~2.5	0.070MAX	0.005MAX	0.005MAX	0.002MAX	-	BAL