

Specifications

Chemical Composition (%)*

Alloy Designation	Silicon (Si)	Iron (Fe)	Titanium (Ti)	Manganese (Mn)	Magnesium (Mg)	Copper (Cu)	Zinc (Zn)	Chromium (Cr)	Others Each	Others Total
AA1050/ ALCAN C1S/IS19501	0.15	0.35	–	0.02	–	0.04	0.02	0.02	0.03	0.10
AA6063/ ALCAN 50S/IS63400	0.30 - 0.70	0.60	0.20	0.30	0.40 - 0.90	0.10	0.20	0.10	0.05	0.15
AA6060/ ALCAN L50S	0.30 - 0.60	0.10 - 0.30	0.10	0.10	0.35 - 0.60	0.10	0.15	0.05	0.05	0.15
AA6101/ ALCAN D50S/IS63401	0.3 - 0.7	0.50	0.10	0.03	0.4 - 0.9	0.05	0.10	0.03	0.03	0.10
AA6351/ ALCAN B51S/IS64430	0.60 - 1.30	0.60	0.20	0.40 - 1.00	0.40 - 1.20	0.10	0.10	0.25	0.05	0.15
AA6082	0.70 - 1.30	0.50	0.10	0.40 - 1.00	0.60 - 1.20	0.10	0.20	0.25	0.05	0.15
AA6061/ ALCAN D65S/IS65032	0.40 - 0.80	0.70	0.15	0.15	0.80 - 1.20	0.15 - 0.40	0.25	0.04 - 0.35	0.05	0.15
ALCAN C62S/IS64423	0.70 - 1.30	0.80	–	1.00	0.50 - 1.30	0.50 - 1.10	–	–	0.07	0.25
AA6066	0.90 - 1.80	0.50	0.20	0.60 - 1.10	0.80 - 1.40	0.70 - 1.20	0.25	0.40	0.05	0.15
AA2014	0.50 - 1.20	0.70	0.15	0.40 - 1.00	0.20 - 0.80	3.90 - 5.00	0.25	0.10	0.05	0.15
ALCAN B26S	0.50 - 1.20	0.70	0.30	0.30 - 1.20	0.20 - 0.80	3.80 - 5.00	0.20	0.30	0.05	0.15
AA2017	0.2 - 0.8	0.7	-	0.4 - 1.0	0.4 - 0.8	3.5 - 4.5	0.25	0.1	0.05	0.15
IS24534	0.2 - 0.7	0.7	0.3	0.4 - 1.2	0.4 - 1.2	3.5 - 4.7	0.2	0.3	0.05	0.15
AA2024	0.50	0.50	0.15	0.30 - 0.90	1.20 - 1.80	3.80 - 4.90	0.25	0.10	0.05	0.15
ALCAN 24S	0.50	0.50	-	0.30 - 0.90	1.20 - 1.80	3.80 - 4.90	0.25	0.10	0.05	0.15
H12, HE12, HF12**	0.50 - 1.30	0.60 - 1.20	0.20	0.50	0.60 - 1.20	1.80 - 2.80	0.20	-	0.05	0.15
AK4***	0.25	0.80 - 1.40	0.10	0.20	1.20 - 1.80	1.90 - 2.70	-	-	0.05	0.10
AA7075	0.40	0.50	0.20	0.30	2.10 - 2.90	1.20 - 2.00	5.10-6.40	0.18-0.28	0.05	0.15
75S	0.40	0.50	0.20	0.30	2.10 - 2.90	1.20 - 2.00	5.10-6.40	0.20	0.05	0.15

Note: Single figure shows maximum limit

* Chemical composition generally conform to ASTM B221 & BS 1474. However the same can be supplied as per various specific standards subject to enquiries

** Also contains nickel with limits 0.60 - 0.40%

*** Also contains nickel with limits 0.80 - 1.40%



ISO9001 : 2000 Quality Management System

ISO-14001 : 1996 Environment Management System

OHSAS-18001 : 1999 Occupational Health and Safety Assessment Series