



JINDAL ALUMINIUM LTD (ROLLING MILL DIVISION).

KIADB IND.AREA, Tumkur Road, Dabaspete, Bangalore-562111

Product Name:	ALUMINIUM COIL		
Specification:	0.15 to 3 mm thickness		
Alloy & Temper	AA-1060	Temper	0, H14, H18

CERTIFICATE OF ANALYSIS

PHYSICAL & MECHANICAL PROPERTIES				
SL.NO	DESCRIPTION	UNIT	LIMITS	OBSERVATION
1	Alloy & Temper	-----	-----	AA-1060 0
2	U.T.S	MPa	95 Mpa (Max)	Complies
3	Yield Strength	MPa	NA	NA
4	Elongation	%	Minimum- 25 - 32 % (As per thickness)	Complies

PHYSICAL & MECHANICAL PROPERTIES				
SL.NO	DESCRIPTION	UNIT	LIMITS	OBSERVATION
1	Alloy & Temper	-----	-----	AA-1060 H14
2	U.T.S	MPa	95 - 125 Mpa	Complies
3	Yield Strength	MPa	NA	NA
4	Elongation	%	Minimum- 4 - 6 % (As per thickness)	Complies

PHYSICAL & MECHANICAL PROPERTIES				
SL.NO	DESCRIPTION	UNIT	LIMITS	OBSERVATION
1	Alloy & Temper	-----	-----	AA-1060 H18
2	U.T.S	MPa	125 Mpa (Min)	Complies
3	Yield Strength	MPa	NA	NA
4	Elongation	%	Minimum- 3%	Complies

DIMENSIONAL TOLERANCES			
SL.NO	DESCRIPTION	UNIT	LIMITS
1	Thickness	mm	0.15 to 0.3 mm- (+/- 0.01 mm) , 0.3 to 0.91 mm - (+/- 0.02 mm), 0.92 to 1.4 mm- (+/-0.03 mm) , 1.41 to 2 mm (+/- 0.04 mm) , 2 to 3 mm (+/-0.050 mm)
2	Width	mm	For 12.5 to 152.4 mm (+/-0.25 mm), For 152.4 to 304.8 mm (+/-0.4 mm) , For 304.8 to 609.6 mm (+/-0.8mm), For 609.6 to 1219.2 mm - (+/-1 mm) , For 1219.2 to 1524 mm (-1 / + 2 mm)

ALLOY COMPOSITION:					
AA	Si	Fe	Cu	Mn	Mg
1060	0.25 (Max)	0.35 (Max)	0.05 (Max)	0.03 (Max)	----

Cr	Zn	Ti	Others	Al
---	0.06 (Max)	---	-	99.6 (Min)

REMARKS: THE CHEMICAL COMPOSITION AND MECHANICAL PROPERTIES MEETS AS PER -IS737-2008

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