

## Aluminium 1350 & aluminium Alloy rod



Standard : ASTM B233

### CHEMICAL COMPOSITION OF ALUMINIUM ROD

Series	Grade	Cr (max)	Si (max)	Fe (max)	Cu (max)	Mn (max)	Zn (max)	B (max)	V+Ti (max)	Al
1000	1350	0.01	0.1	0.4	0.05	0.01	0.05	0.05	0.02	Rem

### MECHANICAL AND ELECTRICAL PROPERTIES

Aluminium Rod	Temper	Tensile strength MPa	Yield strength MPa	Elongation % MPa	Electrical conductivity %IACS
1350	O	83	28	23	61.8
	H12	97	83	-	61.0
	H14	110	97	-	61
	H19	186	165	1.5	61

Standard : EN573-3

### CHEMICAL COMPOSITION OF ALUMINIUM ROD

Series	Grade	Cr (max)	Si	Fe (max)	Cu (max)	Mn (max)	Mg	B (max)	Zn (max)	Al
6000	6101	0.03	0.30-0.70	0.5	0.1	0.03	0.35-0.80	0.06	0.1	rem
	6201	0.03	0.50-0.95	0.5	0.1	0.03	0.60-0.90	0.06	0.1	rem

### MECHANICAL AND ELECTRICAL PROPERTIES

Series	Temper	Tensile strength MPa	Yield strength MPa	Elongation %	Electrical conductivity %IACS
6101	T6	221	193	15	53%
6201	T81	331	310	3	54%