

Technical Data Sheet



Product : 99.999% Al Wire

Mechanical Properties :

Diameter (mils)	5	8	10	12	20	20
Tensile Strength (gm)	Upon Request	Upon Request	Upon Request	Upon Request	500 – 800 gms	800 – 1100 gms
Elongation (%)	Upon Request	Upon Request	Upon Request	Upon Request	12 - 18	10 -30

Note : The above is the general specification, the actual will follow customer requirement.

Chemical Composition:

Aluminium : 99.999% Min
Other impurities : not to exceed 15ppm of total composition

Physical Properties:

Density : 2.7 g/cm³
Melting Point : 660 °C
Electrical Resistivity @ 20°C : 2.7x10⁻⁶ ohms/cm
Electrical Conductivity @ 20°C : 64% IACS
Thermal Conductivity @ 20°C : 230W/m-K

Standard Spools :

41B
#88
#88L

Shelf Live vacuum packed: 1 year (Stored @18⁰C ~28⁰C, 65%Rh max.)

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