

Specification Sheet

ALUMINIUM ALLOY 6061

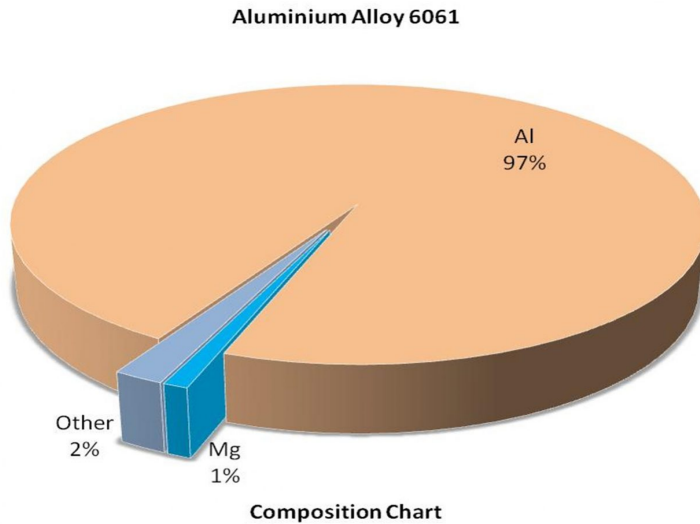
(Al, Purity: 99.9%, APS: 80-100nm)

Stock No: NS6130-12-000150, CAS: 7429-90-5

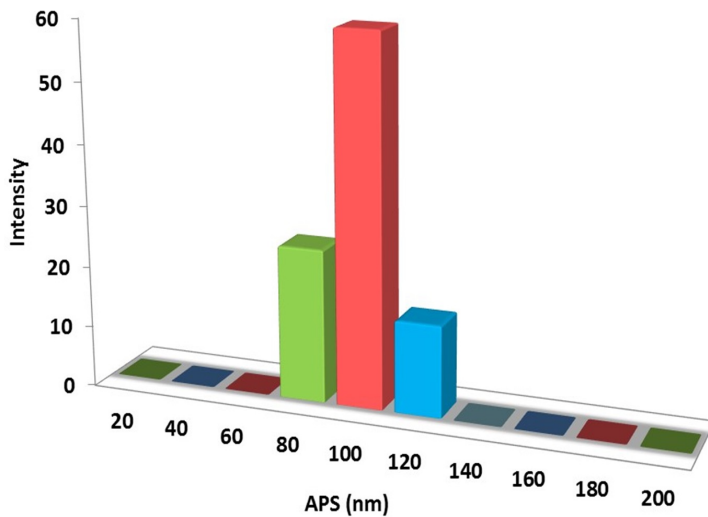
Product	:	Aluminium Alloy 6061
Stock No	:	NS6130-12-000150
CAS	:	7429-90-5
Purity	:	99.9%
APS	:	80-100nm
Density	:	2.7 g/cm ³
Melting Point	:	660 °C
Boiling Point	:	2470 °C
Thermal Conductivity	:	176 W/m.K
Thermal Expansion	:	23.4 x10 ⁻⁶ /K
Poisson's Ratio	:	0.33
Tensile Strength	:	>260 MPa
Electrical Resistivity	:	3.7 – 4.0 x10 ⁻⁶ Ω.cm
Modulus of Elasticity	:	70 GPa
Main Inspect Verifier	:	Manager QC

Note: Product Specification are subject to amendment and may change over time

Characterization of ALUMINIUM ALLOY 6061



Composition Chart - Al Alloy 6061



Particles Size Analysis - ALUMINIUM ALLOY 6061