

## Specification Sheet

Aluminium Magnesium Alloy Nanopowder

(Al:Mg, Purity: 99.9%, APS: < 80nm)

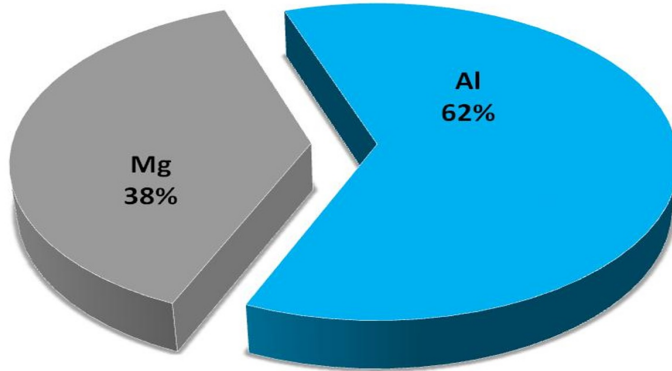
Stock No: NS6130-07-730, CAS: 7429-90-5 / 7439-95-4

<b>Product</b>	:	<b>Aluminium Magnesium Alloy Nanopowder</b>
Stock No	:	NS6130-07-730
CAS	:	7429-90-5 / 7439-95-4
Purity	:	99.9%
APS	:	< 80nm
Molecular Formula	:	Al:Mg
Form	:	Powder
Density	:	1.9 g/cm <sup>3</sup>
Melting Point	:	600 °C
Thermal Conductivity	:	125 W/m·K
Thermal Expansion	:	26 µm/m-K
Young's Modulus	:	45 GPa
Tensile Strength	:	230 to 280 MPa
Solubility	:	Insoluble in water
<b>Main Inspect Verifier</b>	:	<b>Manager QC</b>

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

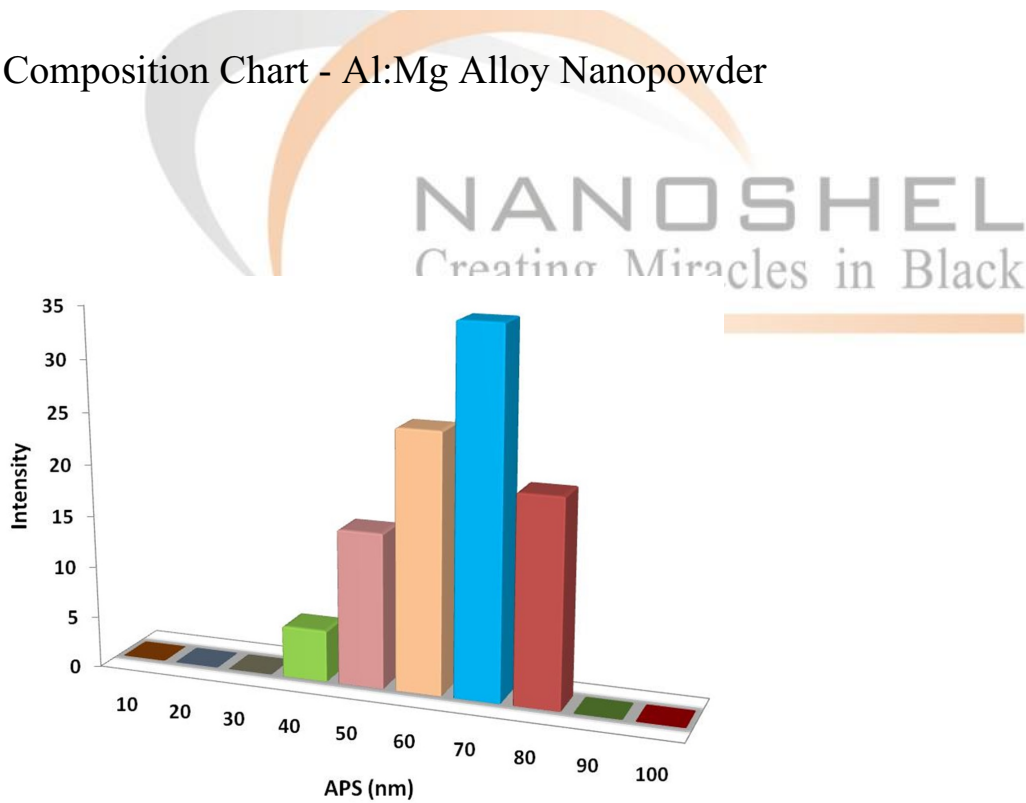
## Characterization of Aluminium Magnesium Alloy Nanopowder

Aluminium Magnesium Alloy Nanopowder



Composition Chart

## Composition Chart - Al:Mg Alloy Nanopowder



## Particles Size Analysis - Al:Mg Alloy Nano

