

Specification Sheet

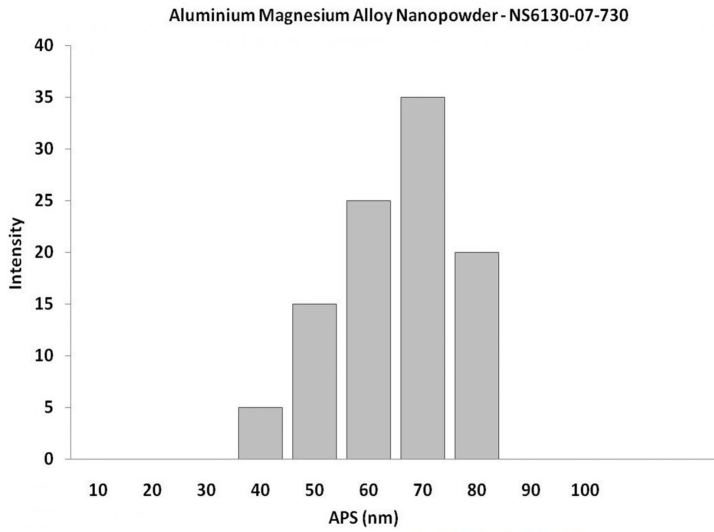
Al:Mg, Purity: 99.9%, APS: <80nm

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

Product	:	Aluminium Magnesium Alloy Nanopowder
Stock No	:	NS6130-07-730
CAS	:	7429-90-5 / 7439-95-4
Purity	:	99.9%
APS	:	< 80nm
Molecular Formula	:	Al:Mg
Form	:	Powder
Color	:	Metallic solid powder
Density	:	1.9 g/cm ³
Melting Point	:	600 °C
Thermal Conductivity	:	125 W/m·K
Thermal Expansion	:	26 µm/m-K
Poisson's Ratio	:	0.29
Young's Modulus	:	45 GPa
Tensile Strength	:	230 to 280 MPa
Specific Heat	:	1040 J/kg-K
Solubility	:	Insoluble in H ₂ O
Main Inspect Verifier	:	Manager QC

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

Characterization of Al:Mg, Purity: 99.9%, APS: <80nm



Particles Size Analysis - Aluminium Magnesium Alloy Nanopowder

