

Specification Sheet

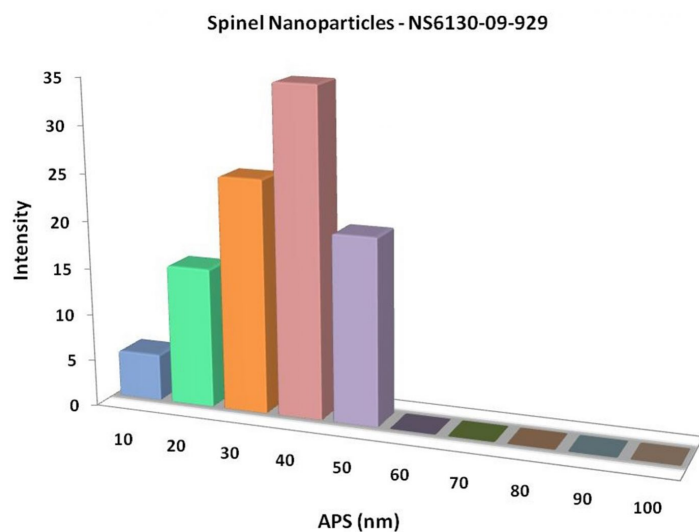
Spinel Nanoparticles

Stock No: NS6130-09-929, CAS: 1302-67-6

Product	:	Spinel Nanoparticles
Stock No	:	NS6130-09-929
CAS	:	1302-67-6
Purity	:	99%
Molecular Formula	:	MgAl ₂ O ₄
Density	:	3.578 g/cc
Melting Point	:	2135 °C
Stack size	:	< 50nm
Morphology	:	Spinal
MgO:Al ₂ O ₃	:	1:1
Thermal Expansion	:	9.17 × 10 ⁻⁶ /°C (25-1500 °C)
Thermal Conductivity	:	0.147-0.054 W/cm °C
Specific Heat	:	0.29
Tensile	:	19.2 × 10 ³ psi
Compressive	:	270 × 10 ³ psi
Young's Modulus	:	34.5 × 10 ⁶ psi
Main Inspect Verifier	:	Manager QC

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

Characterization of Spinel Nanoparticles



Particles Size Analysis - Spinel Nanoparticles

