

NS6130-10-1163

ALUMINUM SILICATE

Nanoparticles

Quick Facts

Product	:	Aluminum Silicate Nanoparticles
Stock No	:	NS6130-10-1163
CAS	:	12141-46-7
Molecular Formula	:	Al ₂ SiO ₅
Form	:	Powder

Purity
99.9%

Technical Specification

Molecular Weight	Density	APS
162.05g/mol	2.3-2.5g/cm ³	< 100nm

Aluminium silicate (or aluminum silicate) is a name commonly applied to chemical compounds which are derived from aluminium oxide, Al₂O₃ and silicon dioxide, SiO₂ which may be anhydrous or hydrated. It is a filler with many different applications, and it is used as a raw material in sectors such as the manufacture of paints, printing inks, the rubber or the paper sector. Aluminium silicate is used to create mullite for industrial use, and this compound is used by the ceramics industry as a refractory, as well as to manufacture electrical insulating materials and heating elements.



Al₂SiO₅
APS < 100nm



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