

**NS6130-10-1163**

# ALUMINUM SILICATE

## Nanoparticles

### Quick Facts

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

**Purity**  
99.9%

### Technical Specification

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

Aluminium silicate (or aluminum silicate) is a name commonly applied to chemical compounds which are derived from aluminium oxide, Al<sub>2</sub>O<sub>3</sub> and silicon dioxide, SiO<sub>2</sub> 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.



**Al<sub>2</sub>SiO<sub>5</sub>**  
APS < 100nm



Follow us:



| [www.nanoshel.com](http://www.nanoshel.com) | [sales@nanoshel.com](mailto:sales@nanoshel.com)



20ZICE4589C



19ZAZGO1274G



20ZICE4588M

ISO 9001:2015  
CERTIFIED COMPANY

**INTELLIGENT MATERIALS PVT LTD**  
Derabassi  
Punjab (140507)  
INDIA

+91 9779 550077, 9779238252

**NANOSHEL UK LIMITED**  
Chapel House,  
Chapel St Cheshire,  
CW12 4AB United Kingdom

+44 (0) 74 105 488, +44 203 137 5187

**NANOSHEL LLC**  
3422 Old Capitol Suit  
1305 Wilmington DE - 19808  
United States

+1 646 470 4911