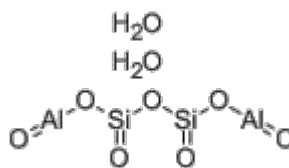


## General Information

Chemical Formula	$Al_2Si_2O_5(OH)_4$	
Synonym	Aluminum silicate hydroxide, Bolus, Hydrated aluminum silicate; Argilla	
Origin	China	
H.S. Code	25070010	
CAS No.	1332-58-7	
Molecular Weight	258.156 g mol <sup>-1</sup>	

## Application

Paper Industry	It is used in the production of paper. It enhances specialty paper products including thermal paper, carbonless paper, label grades and inkjet paper. Calcined kaolin also supports papermakers in their thermal, packaging and graphical applications.
Agriculture Industry	It is used in a variety of agricultural applications including seed coatings and pesticide formulations.
Paint and Coatings Industry	It is widely used widely used due to its consistency, performance and costs.
Rubber and Plastic Industry	The bonds between the kaolin and the polymers provide enhanced mechanical strength, improved impact and flex strength, and a high degree of hydrophobicity.
Other Applications	Calcined and surface treated kaolin can improve electrical and physical performance in wires and cable, even at high stress with elevated moisture and temperature levels. Kaolin is also known for its capabilities to induce and accelerate blood clotting.

## Specification

Property	Units	JX-1	JX-2	JX-3	JX-4	JX-5	JX-6
Appearance		White to yellowish or grayish powder					
$Al_2O_3$	%	45-48	45-48	44-47	43-46	42-45	40-45
$Fe_2O_3$	%	≤1.0	≤1.3	≤1.5	≤1.8	≤2.2	≤3.0
Density	g/cm <sup>3</sup>	2.58	2.53	2.52	2.50	2.45	2.40
Refractoriness	°C	1780	1770	1760	1750	1730	1710
Size		0-1MM, 1-3MM, 3-5MM, 5-8MM, 8-15MM, 100MESH, 180MESH, 200MESH, 325MESH or as per customer's requirements.					

## Packaging

- 25kg/woven bag with PE inner lining