



## H-WF-G204

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**Characteristics:** H-WF-G204 is silane-coated ATH, which is suitable as flame retarding filler for low smoke halogen-free cable compound. Modified aluminium hydroxide, also named surface-treatment aluminium hydroxide, coated aluminium hydroxide, treated aluminium hydroxide. Modified aluminium hydroxide greatly improve the compatibility of materials, arc resistance, volume resistivity, electrical strength, which extend the service life.

		Bound	Tested	
<b>Chemical analysis:</b>	Al (OH) <sub>3</sub>	≥99.5	99.6	%
	SiO <sub>2</sub>	≤0.02	0.0063	%
	Na <sub>2</sub> O	≤0.35	0.21	%
	Fe <sub>2</sub> O <sub>3</sub>	≤0.01	0.0057	%
	Na <sub>2</sub> O <sub>(3)</sub>	≤0.04	0.012	%
<b>Particle size range(D50 %):</b>			0.99	μm
<b>Sieve retainment 38 μm(+325Mesh)</b>		≤0.1	0.0031	%
<b>Physical properties:</b>				
<b>Density</b>			2.4	g/ml
<b>Whiteness, Ry</b>		≥97	99.1	
<b>Oil adsorption value</b>		≤50	34.3	ml/100g
<b>pH-value</b>			8.8	
<b>Moisture content</b>		≤0.5	0.23	%
<b>Electrical conductivity</b>		≤120	18.5	μs/cm
<b>High temperature dehydration</b>	180°C2h	≤1	0.58	
<b>Ignition loss test</b>		≥34.5	34.52	%

Deliveries are possible in bulk, in 25kg/kraft bag, 1ton/ pallet.