



G201

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Characteristics:

G201 is the name of a special aluminium hydroxide quality with very steep particle size distribution, which is suitable as HFFR compound and silicone rubber Compound. In contrast to conventional flame retardant products, no toxic or corrosive gases are generated by **G201** in case of fire. The smoke temperature as well as the smoke gas density are considerably reduced.

		Bound	Tested	
Chemical analysis:	Al(OH) ₃	≥99.5	99.6	%
	SiO ₂	≤0.02	0.0055	%
	Na ₂ O	≤0.35	0.2	%
	Fe ₂ O ₃	≤0.01	0.004	%
	Na ₂ O ₍₃₎	≤0.04	0.01	%
Particle size range(D 50%):			1.1	μm
Sieve retainment 38 μm(+325Mesh):		≤0.1	0.0041	%
Physical properties:				
Density			2.4	g/ml
Whiteness, Ry		≥97	99.1	
Oil adsorption value		≤50	35.9	g/100g
Specific surface BET			4.2	m ² /g
pH-value			8.8	
Moisture content		≤0.5	0.25	%
Bulk density(untamped)			0.34	g/ml
Bulk density(tamped)			0.6	g/ml
Electrical conductivity		≤120	28	μS/cm

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