



LJ-HW-1

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Characteristics: LJ-HW-1 is the name of a special aluminium hydroxide quality with very steep particle size distribution, which is suitable as flame retarding filler for low smoke halogen-free cable compound. In contrast to conventional flame retardant products, no toxic or corrosive gases are generated by H-WF-1 in case of fire. The smoke temperature as well as the smoke gas density are considerably reduced.

		Bound	Tested	
Chemical analysis:	Al (OH) ₃	≥	99.6	%
	SiO ₂	≤	0.02	%
	Na ₂ O	≤	0.35	%
	Fe ₂ O ₃	≤	0.01	%
Particle size range(D50 %):			1±0.2	µm
Physical properties:				
Whiteness, Ry		≥	99	
Oil adsorption value		≤	36	ml/100g
Moisture content		≤	0.2	%
Ignition loss test		≥	34.5	%