

**Product Name: Multitasker Fine Aluminum Hydroxide**

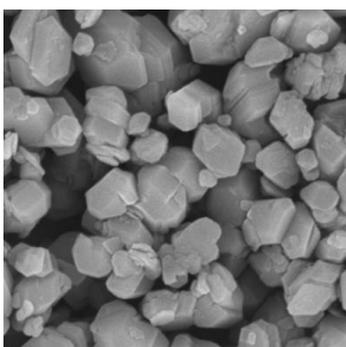
**Product Type: PF-MT-68**

**Product Properties:**

PF-MT-68 is a high-tech product independently developed by Zibo Pengfeng. Through more than ten years of revolutionary engineering R&D, one of our advanced multiple performance enhanced Aluminum Hydroxide product has born. PF-MT-68 is a powerful contender for other prestige ATH manufacturers around the globe. After the state of art purification process, our product has low silicon, iron, sodium, organic matter and other impurity content. Using unique seeding preparation and crystal growth process control technology, PF-MT-68 has the features of great particle morphology, better crystal uniformity, concentrated distribution, good dispersity, and good compatibility with polymer. With high thermal stability performance, the product of TGA (heat dehydration temperature) is up to 228 °C, 10 °C higher than other standard products. Nevertheless, it also has low oil absorption, low electrolyte, better filling, coating, flame retardancy, and smoke suppressing functions. The final product has excellent corrosion resistance, arc resistance and other properties. PF-MT-68 has been widely used in wire and cable, high-end copper clad plate, rubber and other fields.

**Typical Analysis:**

Al(OH) <sub>3</sub> -content	[%]	≥99.6
SiO <sub>2</sub>	[%]	≤0.02
Fe <sub>2</sub> O <sub>3</sub>	[%]	≤0.02
Na <sub>2</sub> O(total)	[%]	≤0.20
Loss on ignition	[%]	34.5±0.5
Free Moisture	[%]	≤0.40
Particle size(Laser diffraction)	D <sub>50</sub> (μm)	1.9-2.3
Bulk Density	kg/m <sup>3</sup>	370-410
Oil Absorption	ml/100g	≤28
Whiteness(Elrepho 457nm)	[%]	≥97



**Applications:**

- |                           |                        |
|---------------------------|------------------------|
| Wire and Cable            | Rubber Application     |
| Thermoplastic Material    | Thermosetting Material |
| Coating, industrial paper | Other area             |

Disclaimer: Information presented here is believed to be accurate and reliable but is not intended to meet any specification and does not imply any guarantee or warranty. All data listed here are reference values and subject to production tolerances. These values are only for the product description and no guarantee is placed on the properties. It remains the responsibility of the users to test the suitability of the product for their application.