



Magnesium Hydroxide - Brucite Powder

1. Product Overview

Magnesium hydroxide starts to decompose when heated to 350°C, producing magnesium oxide and water, and absorbing a large amount of heat. It is an important inorganic flame retardant. This product is a white crystal or powder, characterized by high purity, narrow particle size distribution, and good flame retardant and smoke suppression effects.

2. Product Specifications

		RT-1JW	RT-1J	RT-2J	RT-1V	RT-2V	TC-BV	TC-MV
Color/Status		White Powder	White Powder	White Powder	White Powder	White Powder	White Powder	White Powder
D ₅₀	μm	2.0±0.2	2.6±0.5	4.0±0.5	5.0±2.0	7.0±2.0	9.0±2.0	11.0±2.0
D ₉₀	μm	4.0±0.5	5.0±1.0	14.0±1.0	28.0±5.0	30.0±5.0	32.0±5.0	33.0±5.0
Moisture	%	≤ 0.5%	≤ 1.0%	≤ 1.0%	≤ 0.5%	≤ 0.5%	≤ 0.5%	≤ 0.5%
350°C Heat Loss	%	≤ 30	≤ 30	≤ 30	≤ 30	≤ 30	≤ 30	≤ 30
Surface Treatment	Stearic Acid	○	○	○	○	○	○	○
		○	○	○	○	○	○	○

3. Main Applications

- Engineering Plastics: PE, PP, PVC, ABS, PS, HIPS, PA, PBT
- Plastics, rubber and polymer materials
- Flue gas desulfurization
- Acidic wastewater neutralization
- Petroleum additives, anti-corrosive agents
- Electronic industry, thermal insulation materials
- Agricultural fertilizers etc.
- Magnesium salt production