威科特瑞
发挥非金属资源无限潜能

Technical Data Sheet

VB-5AS

Magnesium Hydroxide

Product Overview: VB-5AS is an effective, eco-friendly flame retardant and smoke suppressant. This environmentally friendly option is ideal for various polymers and building materials.

Product Indicators

Item	Specification
Whiteness	>92
Laser diffraction D50 (μm) (Malvern Mastersizer)	4.5-6
MgO (%)	63-64
LoI	≥28
Moisture (%)	≤0.5
Specific gravity, g/cm3	2.4

Application area

It is widely added to polymer materials such as plastics and rubber for manufacturing wire and cable, electronic appliance housings, and automotive components, making it a key material for achieving "low-smoke, zero-halogen" flame-retardant cables. At the same time, it is also extensively used in fire-resistant coatings and insulation panels in the construction field, as well as in the interior trim and textiles of transportation vehicles.

Product Packaging and Storage

Packaging: The product is packaged in 25kg/bag kraft paper woven bags with inner plastic moisture-proof bags. Customized packaging solutions are available upon customer request.

Storage: Store in a dry, well-ventilated warehouse, avoiding moisture, rain, and direct sunlight to prevent product clumping and deterioration.

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