

WHITE-STRIPE™ MAGNESIUM OXIDE



A high purity, tightly controlled, ultra-fine binding agent for phosphate investments that allows superior specification controls of the final product to ensure consistency. White-Stripe magnesium oxide provides an ultra-fine particle size and fast reaction time.

Typical Material Properties*

pH	10.3 (saturated aqueous solution)
Melting Point	≈5072 °F (2800 °C)
Loss on Ignition (LOI)	≤0.5%

Particle Size (Microns)*

d50	<7 μm
d90	<25 μm

Elemental Composition (wt %)*

Magnesium (MgO)	Silica (SiO ₂)	Calcium (CaO)	Iron (Fe ₂ O ₃)
≥97.0%	≤1.0%	≤0.5%	≤0.3%

*These results are based on the testing methods, frequency and procedures of Ransom & Randolph or its approved suppliers. The levels referenced herein are only for general guidance and do not constitute a firm specification.

Storage & Handling

Avoid skin or eye contact. Avoid breathing dust. Wear protective equipment during handling. Wash thoroughly after handling. Keep container closed and stored in a dry area when not in use.

As the conditions or methods of use are beyond our control, we do not assume any responsibility and expressly disclaim any liability for any use of this product. Information contained herein is believed to be true and accurate but all statements or suggestions are made without warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof. Compliance with all applicable federal, state, and local regulations remains the responsibility of the user. All potential liability related to the sale and use of this product is limited to the cost of the particular goods sold in their respective transactions.



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