

MONO AMMONIUM PHOSPHATE



An ammonium-based phosphate binding agent that allows a controlled exothermic reaction. Ideal for manufacturing high expanding, extra high strength investments. Offers setting and high thermal expansion to balance thermal contractions while maintaining mold surface and dimensional integrity for a smooth, precise casting.

Typical Material Properties*

Purity	≥98.0%
pH	4.0-5.0
Moisture	≤0.5%
Melting Point	374° F (190° C)

Particle Size (Microns)*

d50	35 µm
d90	≤120 µm

*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.

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