



QINGHAI PRIME INTERNATIONAL

Qarhan Salt Lake holds abundant mineral resources, with substantial reserves of potassium, sodium, magnesium, lithium, boron and other minerals. It has been the largest production base of potassium fertilizer, as well as a major production base for metallic magnesium and lithium salts. At the same time, the Qarhan Salt Lake is located on the Tibetan Plateau and is rich in hydropower, photovoltaic and wind energy, which supply a cleaner energy for the facilities.

We have unique salt lake resources and cleaner energy. We are dedicated to supply customers with high quality products and very competitive price in the market. We have a professional team to provide customers with professional services, if you have any inquiries, please feel free to reach out us, working with you is our greatest joy every day!

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Magnesium Carbonate Produced From Qinghai Salt Lake

【Electronics-Grade High-Purity Magnesium Carbonate】

High-purity refinement · Micron-sized particles · Specialized filler for electronic materials. Electronic microfillers trend toward high purity + functionalization: Magnesium carbonate is progressively replacing traditional oxide systems—particularly in 5G, AI chip packaging, and low-dielectric materials. Excellent product stability · Strong customer reputation: Serving multiple LCD panel manufacturers, semiconductor packaging material producers, and circuit board enterprises.

【Product Features】

Chemical Purity: ≥99.9%, Electronic Grade (E-grade)

Particle Size Distribution: D50 2–5 μm, Customizable Nano-grade

Whiteness: ≥95%

Metal Impurities:

Fe³⁺: ≤5 ppm

Cl⁻: ≤10 ppm

Na⁺: ≤10 ppm

Water-insoluble matter: ≤0.05%

Loss on Ignition (LOI): 44~48%

Ultra-high purity effectively reduces the risk of impurity ion migration, meeting stringent dielectric stability requirements for precision electronic components.

Ultra-fine particle size · Customizable nano-grade ensures perfect compatibility with resin systems.

Low metal ion residue: Controlled at ppm or ppb levels, suitable for highly sensitive applications such as semiconductors and packaging.

Excellent insulation properties: Low dielectric constant and superior thermal stability ensure reliable operation in high-frequency signal environments.

Translated with DeepL.com (free version)

Customization is also available upon request.