



Chem-Metals & Rare Earth

■ Magnesium Fluoride

Magnesium Fluoride, white crystal, is insoluble in water, but soluble in acid. It is mainly used as coating material for optical lens to improve the image quality. And also find application in ceramic, glass and electronic industry, fluorescent material for cathode ray screen etc.



| | |
|------------------|----------------------|
| Formula | MgF ₂ |
| Appearance | White Crystal |
| Molecular Weight | 62.3 |
| Density | 3.15/cm ³ |
| Melting Point | 1261 °C |
| CAS No. | 7783-40-6 |

| No. | Item | Standard Specification | |
|-----|-----------------------------|---|--------------|
| 1 | MgF ₂ ≥ | 99.99% | |
| 2 | Form | Raw Material | Poly-crystal |
| 3 | Impurity PPM Max each | Cr/Fe | 2 |
| | | Sr/Si | 5 |
| | | Al/Ca/Mn/Zn/Pb/Cu/Co/Ni | 1 |
| 4 | Size | ≤10um | 1-3mm,3-5mm |
| 5 | Packing | 25kgs in plastic bag with cardboard box outside | |

■ Rubidium Carbonate



Rubidium Carbonate, white powder, is easy to absorb water, soluble in water and insoluble in alcohol. It is the raw material of other rubidium salts, rubidium single crystal and special glass, and also found application in catalyst and analytical reagent.

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|------------------|---------------------------------|
| Formula | Rb ₂ CO ₃ |
| Appearance | White Powder |
| Molecular weight | 230.95 |
| Density | - |
| Melting Point | 837°C |
| CAS No. | 584-09-8 |

| No. | Item | Standard Specification | | | |
|-----|-----------------------------------|--|-------|--------|----|
| 1 | Rb ₂ CO ₃ ≥ | 99.0% | 99.9% | 99.99% | |
| 2 | Impurity Max each PPM | Li | 200 | 5 | 5 |
| | | Al | 100 | 10 | 5 |
| | | Na | 100 | 100 | 10 |
| | | Ca | 200 | 100 | 10 |
| | | Fe | 100 | 5 | 3 |
| | | Mg | 100 | 5 | 3 |
| | | Si | 100 | 10 | 3 |
| | | Pb | 100 | 5 | 3 |
| | | K | 500 | 100 | 20 |
| Cs | 2000 | 200 | 20 | | |
| 3 | Packing | 25kgs in plastic bag with cardboard drum outside | | | |