



## 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 <sub>2</sub>
Appearance	White Crystal
Molecular Weight	62.3
Density	3.15/cm <sup>3</sup>
Melting Point	1261 °C
CAS No.	7783-40-6

No.	Item	Standard Specification		
		Raw Material	Poly-crystal	
1	MgF <sub>2</sub> ≥	99.99%		
2	Form	Raw Material	Poly-crystal	
3	Impurity PPM Max each	Cr/Fe	2	2
		Sr/Si	5	5
		Al/Ca/Mn/Zn/Pb/Cu/Co/Ni	1	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.

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

No.	Item	Standard Specification			
		Li/Al	Na/Ca	K/Cs	Fe/Mg/Si/Pb
1	Rb <sub>2</sub> CO <sub>3</sub> ≥	99.99%			
2	Impurity PPM Max each	5	10	20	3
3	Packing	1kg in vacuum plastic bag			