



Chem-Metals & Rare Earth

■ High Purity Lithium Carbonate



High Purity Lithium Carbonate, white crystal powder, is used in the manufacturing of flux, optical crystal, electrolytes, electrodes, tranquilizer, and the industry of electrolytic aluminum, ceramic, glaze, specialty glass,

lithium-containing compounds, tranquilizer and lithium ion battery etc.

Formula	Li ₂ CO ₃
Appearance	White Powder
Molecular weight	73.89
Density	2.11 g/cm ³
Melting Point	723 °C
CAS No.	554-13-2

No.	Item	Standard Specification				
1	Li ₂ CO ₃ ≥	99.99%	99.995%	99.999%		
2	Impurity	Ba	5	2	2	
		Na	10	1	1	
		Mg	5	2	-	
		K	10	1	1	
		Si	10	5	-	
		Cd	5	-	-	
		Cu	1	0.5	0.5	
		Pb	1	0.5	0.5	
		PPM Max each	Ni	1	1	-
			Mn	1	1	-
			Co	1	-	-
			Cr	1	-	-
			Al	3	1.5	0.8
			Fe	3	1	0.8
	Zn	3	-	-		
	Ca	10	3	2		
3	Packing	Double plastic bag inside, carton box outside, 25kg net				