

# Technical Data Sheet

LITHIUM CARBONATE (Industrial Grade)
Formula: $\text{Li}_2\text{CO}_3$
Formula weight: 73.89
CAS NO.: 554-13-2
Physical-chemical properties: White monoclinic crystal or alkaline powder, slightly soluble in water; soluble in dilute acid, insoluble in alcohol. Density $2.11\text{g/cm}^3$ , melting point $723^\circ\text{C}$ ( $1333^\circ\text{F}$ ), boiling point $1230^\circ\text{C}$ ( $2246^\circ\text{F}$ ).
Application: Widely used in special optical glass, ceramic, enamel, construction material, medical, molecular sieve, air conditioning, nuclear and metallurgic industries, etc.

Name		LITHIUM CARBONATE (Industrial Grade)
Li <sub>2</sub> CO <sub>3</sub> Content (Min%)		99.0
Impurity Content (Max%)	( Na )	0.2
	( K )	
	( Ca )	0.05
	( Fe )	0.1
	( Cl )	0.05
	( SO <sub>4</sub> )	0.35
	Hydrochloric acid insoluble	0.02
Packing: By woven bag with vacuum sealed plastic bag, 25kg/bag. Customized packing is available.		