

Technical Data Sheet

LITHIUM CARBONATE (Industrial Grade)
Formula: Li_2CO_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 2.11g/cm^3 , melting point 723°C (1333°F), boiling point 1230°C (2246°F).
Application: Widely used in special optical glass, ceramic, enamel, construction material, medical, molecular sieve, air conditioning, nuclear and metallurgic industries, etc.
Quality Standard: GB/T 11075-2013

Component		LITHIUM CARBONATE (Industrial Grade)
Li_2CO_3 Content (Min %)		99.0
Impurity Content (Max %)	Na	0.043~0.09
	K	0.05
	Ca	0.012
	Fe	0.0002
	Cl^-	0.003
	SO_4^{2-}	0.23
	H_2O	0.20
	Insoluble matters in HCl	0.003~0.015
Packing: By woven bag with vacuum sealed double layered plastic bag, 25kg/bag. By woven bag with vacuum sealed double layered PP bag, 500kg/bag. Customized packing is available.		