

# CTM POTTERS SUPPLIES

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## SPEC SHEET

### LITHIUM CARBONATE

#### Technical Grade Fines

#### ACTUAL CHEMICAL ANALYSIS

Li <sub>2</sub> CO <sub>3</sub>	99.4%	Spec 99% min
Na <sub>2</sub> O	0.1%	Spec 0.2% max
CaO	0.02%	Spec 0.05% max
SO <sub>4</sub>	0.04%	Spec 0.1% max
SiO <sub>2</sub>	0.029%	
Mg	0.003%	
K	0.0003%	
Fe <sub>2</sub> O <sub>3</sub>	0.0002%	Spec 0.003% max
B	0.0001%	
Cl	0.01%	Spec 0.01% max
Insolubles	0.002%	Spec 0.02% max
LOI (loss on ignition)	0.5%	Spec 0.6% max

#### PHYSICAL SPECIFICATION (Typical)

Retained on 250μ mesh	3%
Retained on 180μ mesh	6%
Retained on 125μ mesh	14%
Retained on 90μ mesh	24%
Retained on 63μ mesh	36%
Retained on 45μ mesh	51%
Passes 45μ mesh	49%
Packed bulk specific gravity	0.88g/cc min
Free bulk specific gravity	0.67g/cc min