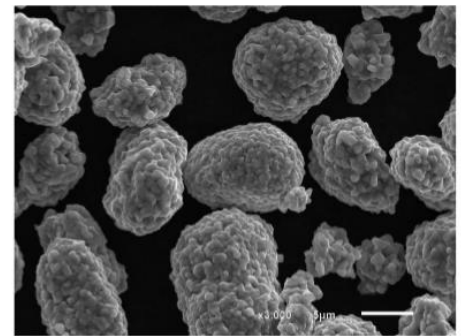
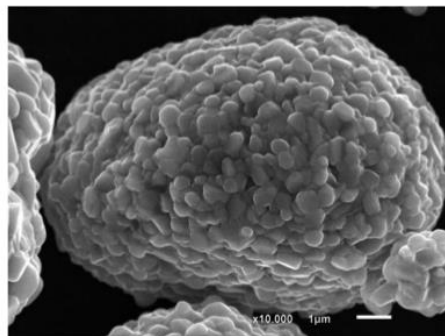
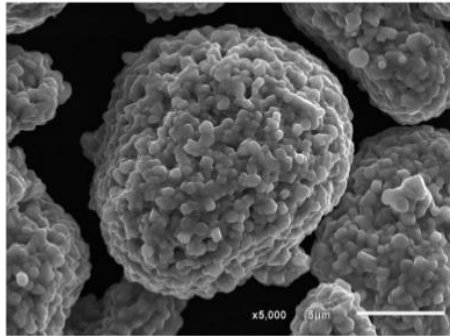


Product Data Sheet
Lithium Nickel Cobalt Manganese Oxide (NCM 6:2:2) - Energy

Part No: LNCM622



Form	Powder
Color	Black
D10	=>5.00 μm Typical 7.20 μm
D50	10-15 μm Typical 12.51 μm
D90	<= 30.00 Typical 21.10 μm
Tap Density	>2.00g/cm ²
(Ni+Co+Mn)%	60 +/- 2.00 Typical 59.39
Li%	7.00 +/- 2.00 Typical 7.08
Fe%	< =0.0050 Typical 0.0010
Cu%	<=0.0050 Typical 0.0005
Na%	<= 0.0200 Typical 0.0069
Ca%	<=0.0200 Typical 0.0068
Compact Density	=>3.30 g/cm ³
Surface area - BET	0.15-0.40 m ² /g Typical 0.26 m ² /g
Chemical Formula	LiNi _{0.6} Co _{0.2} Mn _{0.2} O ₂
Voltage	3.6 V
pH	<=11.70 Typical 11.70
H₂O%	<=0.05 Typical 0.03
Capacity	160 mAh/g at 1C Typical 164
Capacity Retention	300 cycles >=80% Typical 87.7%
Application	High Energy, battery, cathode

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