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# Cathode Material

## (NCA-850T)

**Product name : Cathode Material (NCA-850T)**

**Model : NCA-850T**

**Chemical formula :  $\text{LiNi}_{0.8}\text{Co}_{0.15}\text{Al}_{0.05}\text{O}_2$**



**Analysis:**

Project	Unit	Specification	Remark
Particle size $D_{10}$	$\mu\text{m}$	$\geq 5\mu\text{m}$	
Particle size $D_{50}$	$\mu\text{m}$	9-12 $\mu\text{m}$	
Specific surface area	$\text{m}^2/\text{g}$	0.2-0.5	
Tap density	$\text{g}/\text{cm}^3$	$\geq 2.3$	
Content of Li	%	7.0-7.6	
First discharge capacity	$\text{mAh}/\text{g}$	$> 180$	0.2C , 3.0V~4.3V