

# Technical Data Sheet



## ESM AN-0111

This Silicon/carbon can accommodate the volume expansion and have high initial CE of 91% and capacity of 2400 mAh/g.

### Composition

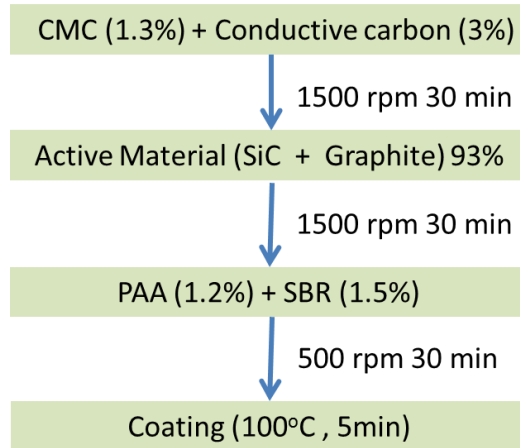
AN-0111 Silicon/carbon anode materials

### Typical Properties

colour	Drak brown		
Fe content	<200	ppm	ICP-AES
Tap Density	0.3±0.05	g/cm <sup>3</sup>	
D50	8.0±2.0	um	DLS 950, in water solution

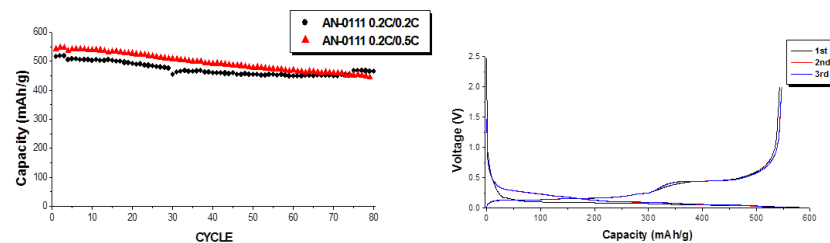
### Anode design and Processing Instructions

Mixing Process instructions Si/C added Partially



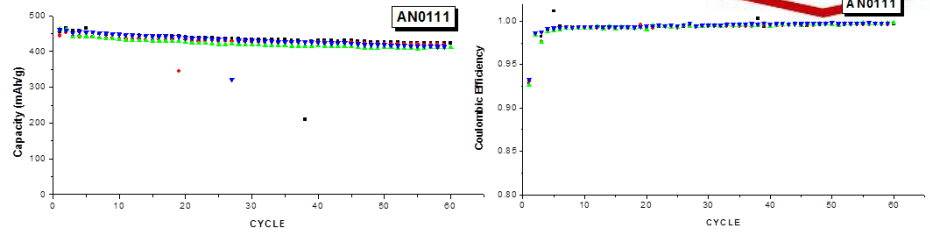
Electrochemical performance

10% AN0111 90% MCMB



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5% AN0111 95% MCMB



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### Special Features and Benefits

Electrochemical performance	The addition of this anode material (AN-0111) into formulation can improve the electrochemical performances and initial CE of anode electrode at the same time. These performances of this anode material (AN-0111) are better than those of the conventional Si/C in the market.
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### Storage and Transportation

AN-0111	The shelf life is 3 months while storing in drying box.
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