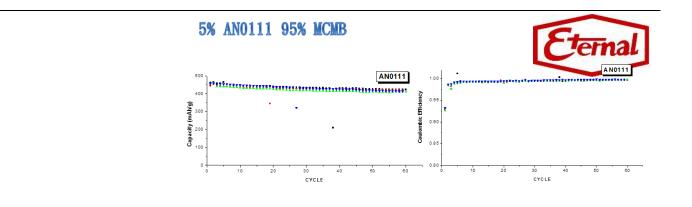
Technical Data Sheet

ESM AN-0111

Eternal

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/cart	Silicon/carbon anode materials		
Typical Properties	5			
colour	Drak browr	1		
Fe content	<200	ppm	ICP-AES	
Tap Density	0.3±0.05	g/cm ³		
D50	8.0±2.0	um	DLS 950, in water solution	
Anode design and				
Mixing Process instru	uctions Si/C add	ed Partially		
		CM	C (1.3%) + Conductive carbon (3%)	
			🗼 1500 rpm 30 min	
		Acti	ive Material (SiC + Graphite) 93%	
			1500 rpm 30 min	
			PAA (1.2%) + SBR (1.5%)	
			500 rpm 30 min	
			Coating (100°C , 5min)	
Electrochemical perf	ormance 10% AN	0111 90% MCA	R	
·	600 ₁		AN-0111 0.200.2C An-0111 0.200.5C	
	500 (500	*****	A ANTITU 22002 25 25 20 20 20	
	Capacity (InAbi(1) 000 000 000 000 000 000 000 000 000 0		S 15.	
	00 200 2 00 3 00 0 100			
	0 0 10	20 30 40 50		



Special Features and Benefits

Electrochemical	The addition of this anode material (AN-0111) into formulation can		
performance	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.		

Storage and Transportation

AN-0111

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