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Li₄Ti₅O₁₂ (Titanate) Powder

Anode Material

Product name : Li₄Ti₅O₁₂ (Titanate) Powder Anode Material

Model : LTO-095

Chemical formula : Li₄Ti₅O₁₂

Application: Anode Powders for Li-ion Battery

Analysis:



Serial number	Project		Unit	Standard value	Typical value	Remarks
1	Tap density		g/cm ₃	1.0±0.2	0.91	Tap density meter
2	Compacted density		g/cm ₃	≥1.8	2.0	Compact density meter
3	PH			≤11.5	11.3	PH-3C
4	Specific surface area		m ² /g	≤ 7.5	5	Specific Surface Area Meter
5	Subtle distribution	D ₁₀	μm	≥0.3	0.5	Laser particle size test
		D ₅₀	μm	1.0±0.2	1.1	
		D ₉₀	μm	≤ 25	10.8	
6	Electrical performance	0.5C Reversible capacity	mA h/g	>155	162	Button battery 1.0~3.0V
		3C Reversible capacity	mA h/g	>145	156	
		10C Reversible	mA h/g	>130	143	

		capacity				
		First charge and discharge effectiveness	%	≥95	98	
7	Recommended formula	LTO : SUPER-P : KS-6 : PVDF = 88:3:3:6 (Please adjust)				

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