| 8-8 Test Method - Formed Foil for Cathode 1 of 2 | | |
|---|--|--|
| 2) Vt : Dielect 3. Test Procedure Procedure Procedure 4. Test Equipment Capacitance Met Capacitance Met Measurement Vc Measurement Vc Measurement Vc Material Volume Counter Electron Test Specimens | Technical Codes hal Formation Voltage etric Withstanding Voltage OCapacitance Measurement VVt Measurement t for Capacitance Measurement tasurement Device ter in accordance with JIS C 5101-1,4.7 requency : 120Hz±5% oltage : 0.5Vrms or less essel : Glass : 200ml or 300ml de t for Vt Measurement ly : 2% or less for 50,60Hz | 7. Capacitance Measurement Electrolyte for Capacitance Measurement Ammonium Adipate : 150g Deionized Water : 1,000ml Specific Resistance : 6.5(+2.0 -1.5) Ω cm/70±2°C pH : 6.7(+0.5 -1.5) /50±2°C 2) Condition for Capacitance Measurement Measurement Temperature : 30±2°C 3) Measurement Circuit |
| DC Voltage Stab | 1% or less for 100,120Hz | 5±2mm |
| 2) DC Voltmeter | ,, _,, _ | |
| Internal Resistan | nce : 1MΩ or higher | Figure 40 |
| Accuracy | : ±0.5% | |
| 3) DC Ammeter Internal Resistance shall be sufficiently small compared to Load Resistance (10Ω or less) 4) Measurement Vessel | | The test specimen shall be immersed in the measuring electrolyte so that the top edge of the Projected Area (area to be measured) is level with the surface. |
| Material | : SUS304 | 4) Measurement Calculation |
| Volume | : 500±50ml | Capacitance per 1 cm° is calculated by the following formula |
| Depth | : 100±20mm | |
| 5) Counter Electro | | $C = \frac{Cm \times 2}{5}$ |
| Measurement Ve | | Where : Cm = Measured Value (μ F) |
| 6) Referential Elect | | : C = Capacitance (μ F/cm ²) per 1cm ² |
| Material | : Platinum Plate | |
| Purity | : 99.99% or more | |
| Dimensions | : 10×20×0.1mm | |
| 7) Volt Recorder | | |
| Internal Resistan | nce : 1MΩ or higher | |
| Accuracy | : ±0.5% | |
| Accuracy | 0.0/0 | |
| 6. Test Specimen Test Specimen : In accordance with 8-1 Selecting Test Specimens for Electrical Characteristics Measurements. | | |
| | | |



8. Vt Measurement

Ammonium Adipate

1) Electrolyte for Vt Measurement

: 150g

9. Determination

- 1) 0.9 Vfs : \geq -1.1V acceptable
- 2) 1.2 Vfs : \geq -0.7V acceptable

