. Scope of Test		6. Test Specimen
8.0 $\leq$ Vfs $\leq$ 143 2. Definitions of Technical Codes		Test Specimen : In accordance with 8-1 Selecting
		Test Specimens for Electrical Characteristics Measurements.
1) Vfs : Nominal Form		characteristics measurements.
	hstanding Voltage	7. Vt Measurement
3) Vr : 90% of Vfs	instanting voltage	1) Electrolyte for Vt Measurement
4) Tr : Rise Time		Ammonium Adipate : 150g
	er Hydration Process (60 min.)	Deionized Water : 1,000ml
		Specific Resistance $: 6.5(+2.0 - 1.5)\Omega \text{ cm}/70\pm2^{\circ}\text{C}$
3. Test Procedure		pH : 6.7(+0.5 -1.5) /50±2°C
<ol> <li>The following tests and measurements shall be performed</li> </ol>		
on the same test specimen.		2) Conditions for Vt Measurement
2) Procedure ①Vt Measurement		Measurement Temperature : 85±2°C
2) Trocodaro (2) Capacitance Measurement		Current Density : 1.0±0.1mA/1 Test Specimen 5cm <sup>2</sup>
③Hydration Resistance Test		
4. Test Equipment for Vt Measurement		3) Measurement Circuit
1) DC Power Supply		
Ripple Content	: 2% or less for 50,60Hz	
	1% or less for 100,120Hz	
DC Voltage Stability	: ±3%	Bower Supply
2) DC Voltmeter		
Internal Resistance	: $1M\Omega$ or higher	
Accuracy	: ±0.5%	
3) DC Ammeter		
•	l be sufficiently small compared	
to Load Resistance (10 $\Omega$ or less)		
<ol> <li>Measurement Vessel</li> <li>Material</li> </ol>	: SUS304	Eirum 10
Volume	: 500±50ml	Figure 18
Depth	: 100±20mm	4) Measurement Method
5) Counter Electrode	: 100±20mm	
Measurement Vessel	: SUS304	Voltage
6) Volt Recorder	. 303304	Voltage
Internal Resistance	: $1M\Omega$ or higher	Vt /
Accuracy	$\pm 0.5\%$	Vr
7) Vessel for Hydration Pr		
Material	: SUS304	
Volume	$:600 \pm 60 \text{ml}$	
Temperature Control	: Capable of maintaining the	
	temperature of approx. 500ml	
	of deionized water at	Tr Tr+3min Time
	95°C or higher	
. Test Equipment for C	apacitance Measurement	Figure 19
1) Capacitance Measurement Device		(1)The test specimen shall be immersed in the measuring
Capacitance Meter in accordance with JIS C 5101-1,4.7		electrolyte so that the top edge of the Projected Area
Measurement Frequency		(area to be measured) is 6-8mm below the surface.
Measurement Voltage	: 0.5Vrms or less	②The increase in voltage shall be measured after applying
DC Bias Voltage	: 1.5V	constant DC current.
2) Measurement Vessel		③Rise Time (Tr) is measured when the voltage reaches 9
Material	: Glass	of Nominal Formation Voltage (Vfs).
Volume	: 200ml or 300ml	④Dielectric Withstanding Voltage (Vt) shall be the voltage
3) Counter Electrode		measured 3 minutes after Tr.
Material : Platinum plate of 40,000µF or higher		

