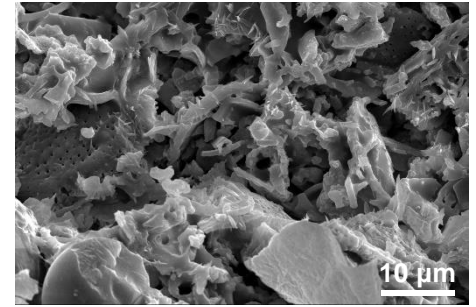
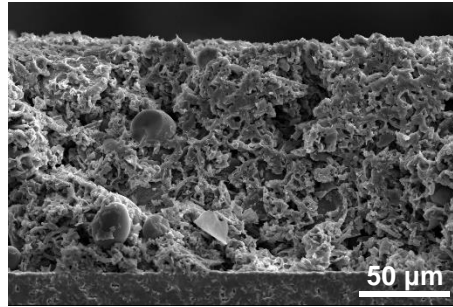
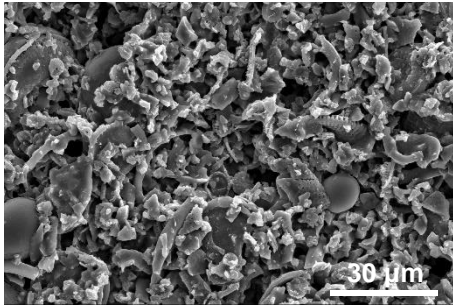
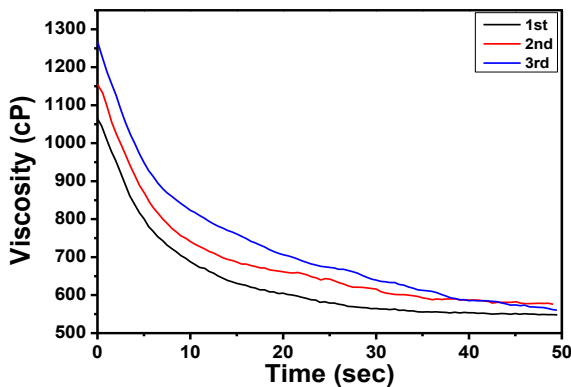


## Product Name: Hist-C

### 1. SEM Image



### 2. Viscosity



#### A. Equipment

- Name of equipment: Viscometer
- Manufacturer: Thermo Electron(Germany)
- Model: Haake VT550

#### B. Measuring conditions

- Measurement Temp.: 25 °C
- Measurement Method: DIN 53019 / ISO 3219
- Shear Rate:  $\gamma = 1000$  [1/s]

#### C. Results

(unit: cP)

Sample	1st	2nd	3rd	Average
<b>Hist-C</b>	548.2	576.4	560.4	<b>561.7</b>

### 3. Sheet Resistance & Electrical Conductivity

#### A. Equipment

- Name of equipment: High Resistivity Meter
- Manufacturer: Mitsubishi (Japan)
- Model: MCP-HT450

#### B. Measuring conditions

- Measurement Temp: 23°C (laboratory temp.)
- Probe type: URS type (standard value: 4.97E+08 Ω, measured value: 4.98E+08 Ω)
- Probe specification: 4 point, inter pin distance: 4mm, pin point: 2pi
- Measuring position: Random 5 point
- RCF:- Impressed voltage: 10 V
- Measuring range: 1.00E-03~9.00E+07Ω (up to 9.99E+07Ω)

#### C. Results

(unit: Ω·cm)

Sample	Thickness [cm]	1st	2nd	3rd	4th	5th	Average
<b>Hist-C</b>	0.0250	6.53E+12	4.73E+12	3.07E+12	4.63E+12	4.52E+12	<b>4.70E+12</b>