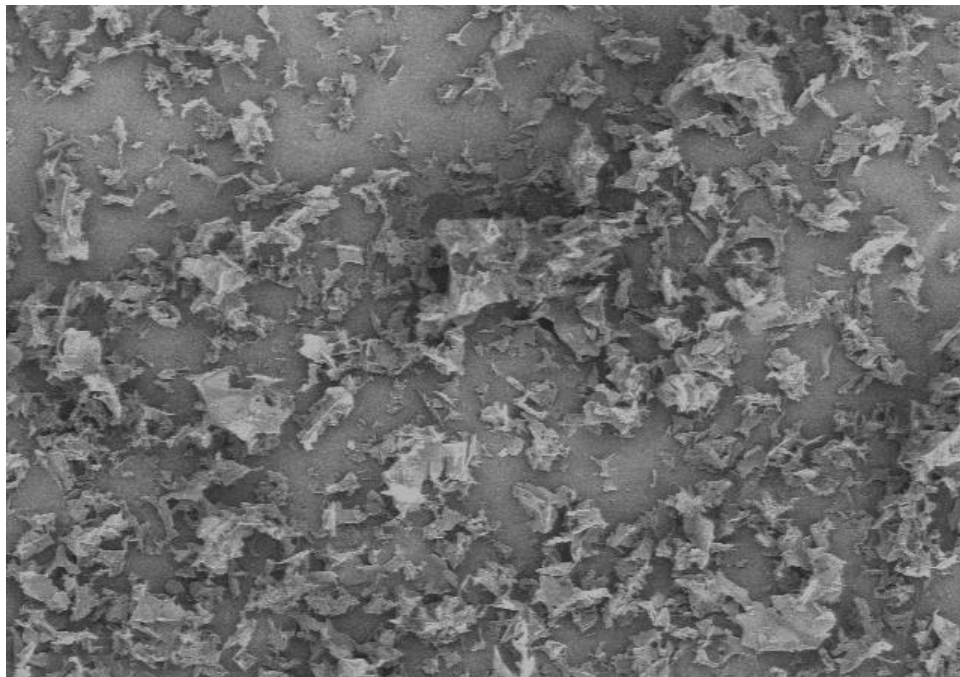


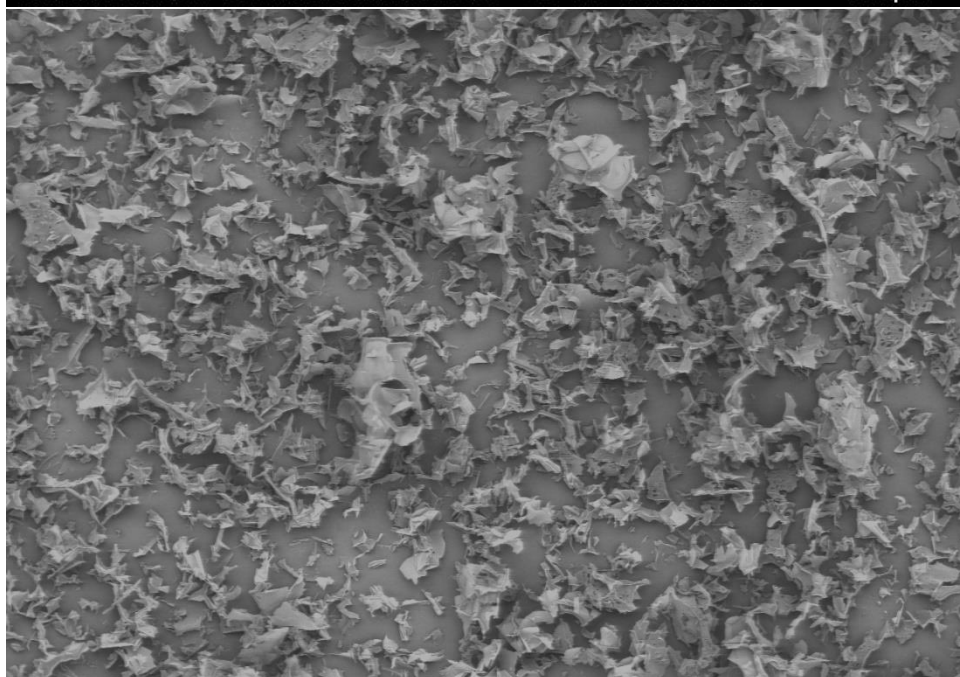
## SCANNING ELECTRON MICROSCOPE (SEM)

**Sample name:** TB1160A 2/3 20% NaOH 35Hz10min 800C 3C/m 1h A 2x1.3P  
**Ordering customer:** Dr. Torsten Busch  
**Dept./Plant:** Curia Germany GmbH  
**Order number:** 24-048821-1

**Sample treatment:** The sample was subjected to platinum sputter coating and then measured.



Clariant SU7000 5.00kV 6.1mm x100 UD+LD+MD 12/11/2024 500µm

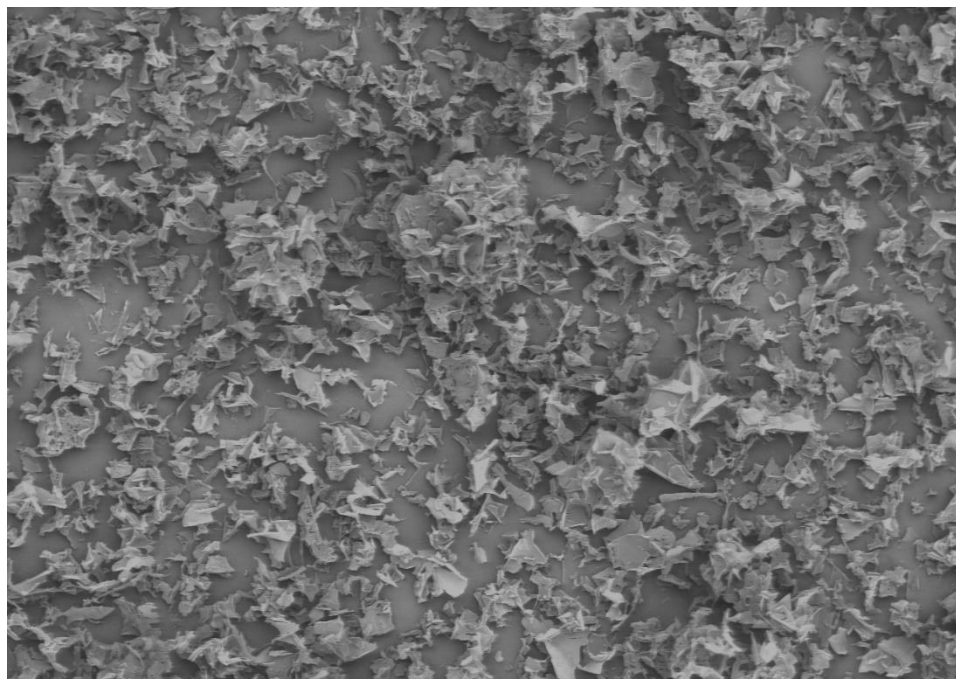


Clariant SU7000 5.00kV 6.1mm x100 UD+LD+MD 12/11/2024 500µm

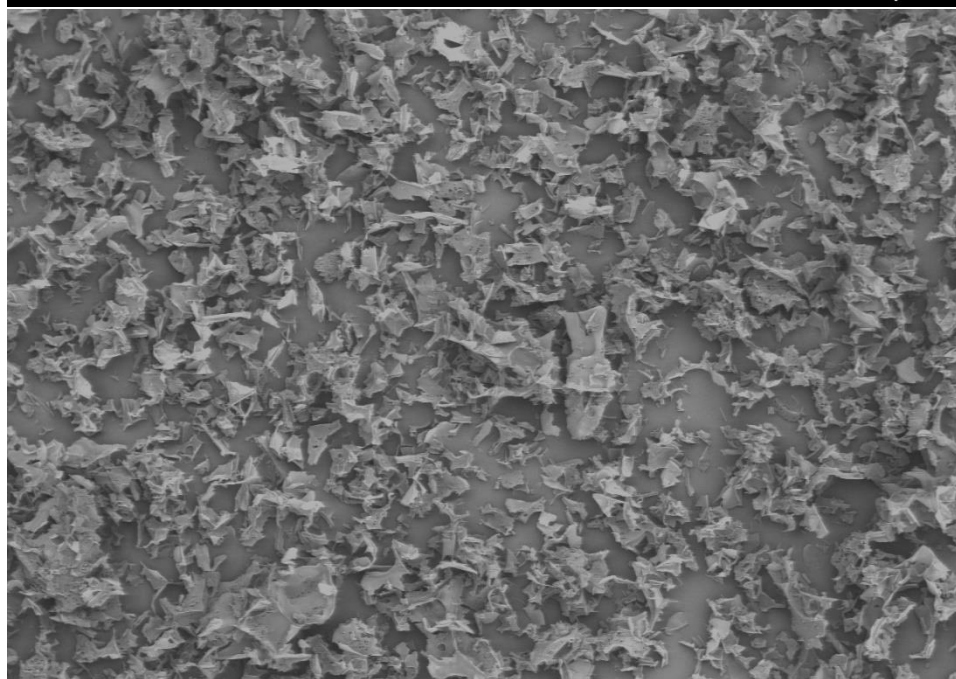
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**Ordering customer:** Dr. Torsten Busch  
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**Order number:** 24-048821-1

**Sample treatment:** The sample was subjected to platinum sputter coating and then measured.



Clariant SU7000 5.00kV 5.9mm x100 UD+LD+MD 12/11/2024 500µm

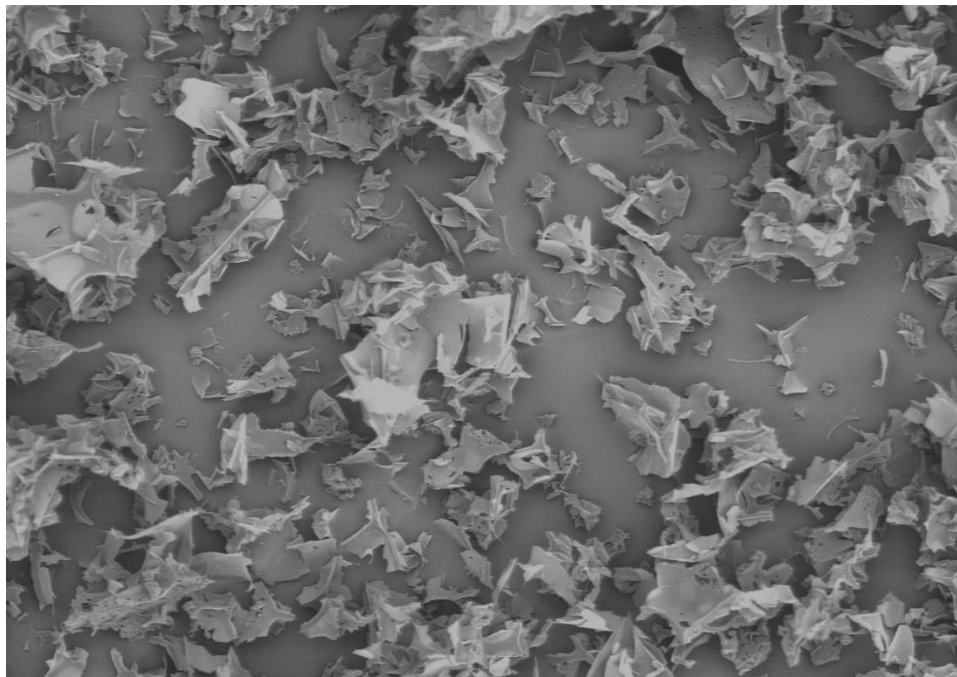


Clariant SU7000 5.00kV 6.0mm x100 UD+LD+MD 12/11/2024 500µm

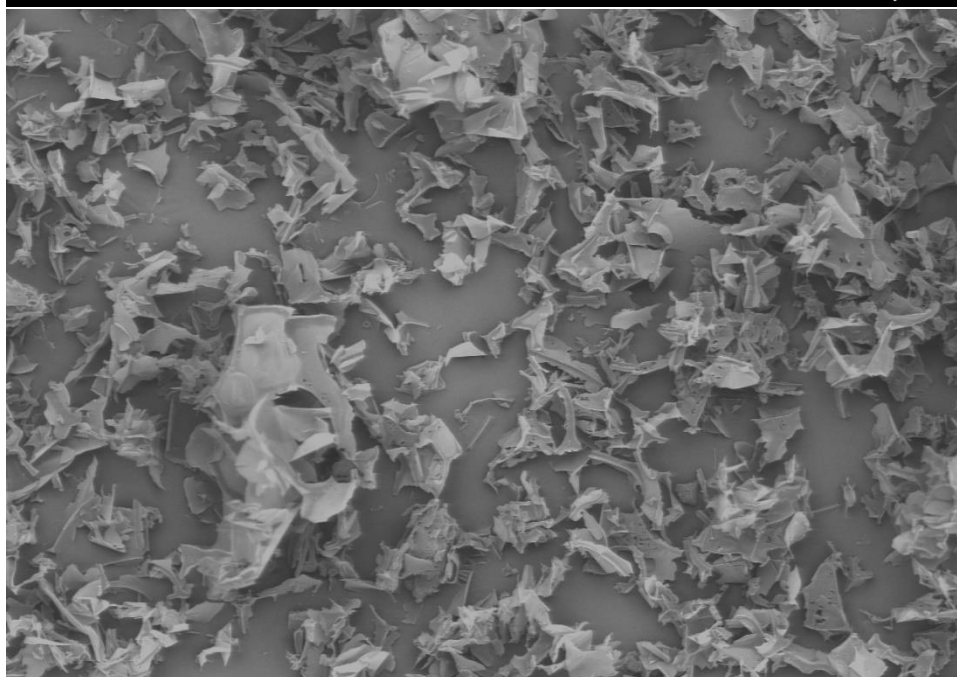
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**Sample name:** TB1160A 2/3 20% NaOH 35Hz10min 800C 3C/m 1h A 2x1.3P  
**Ordering customer:** Dr. Torsten Busch  
**Dept./Plant:** Curia Germany GmbH  
**Order number:** 24-048821-1

**Sample treatment:** The sample was subjected to platinum sputter coating and then measured.



Clariant SU7000 5.00kV 6.1mm x200 UD+LD+MD 12/11/2024 200µm

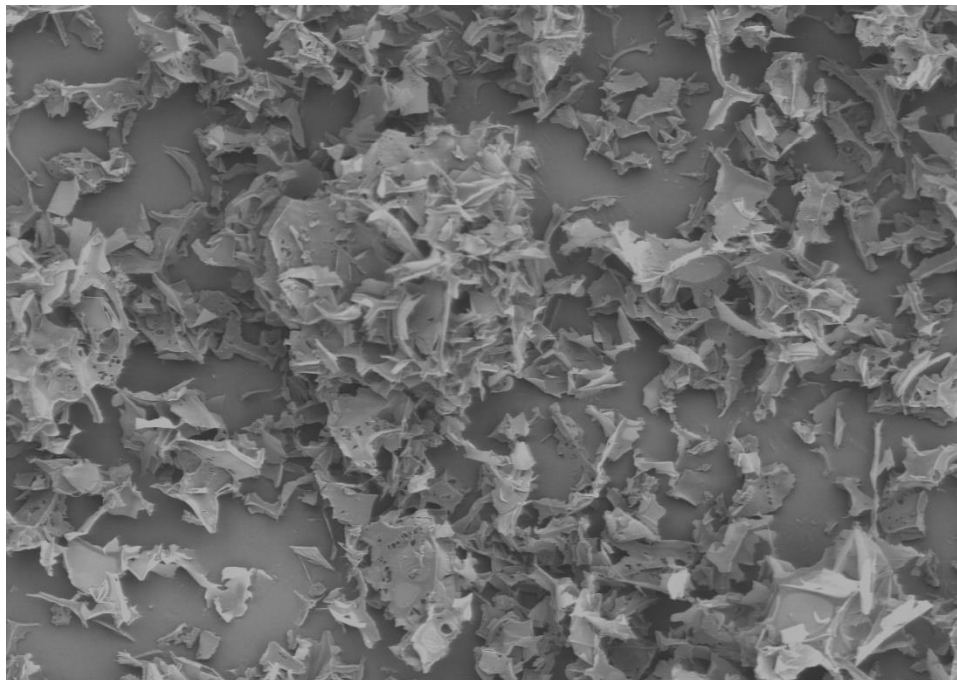


Clariant SU7000 5.00kV 6.1mm x200 UD+LD+MD 12/11/2024 200µm

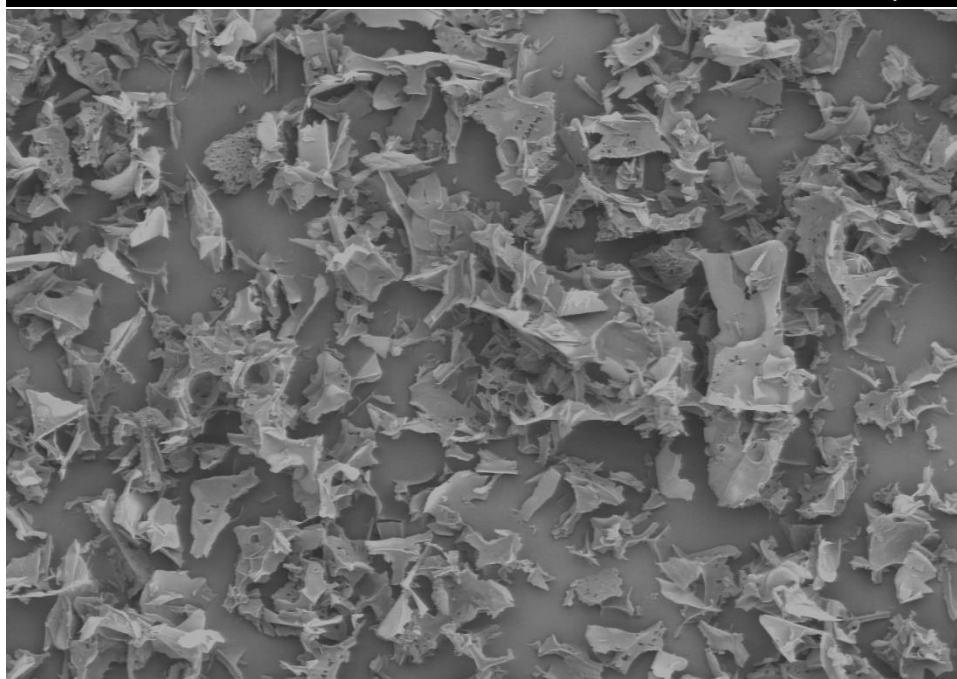
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**Sample name:** TB1160A 2/3 20% NaOH 35Hz10min 800C 3C/m 1h A 2x1.3P  
**Ordering customer:** Dr. Torsten Busch  
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**Order number:** 24-048821-1

**Sample treatment:** The sample was subjected to platinum sputter coating and then measured.



Clariant SU7000 5.00kV 5.9mm x200 UD+LD+MD 12/11/2024 200µm

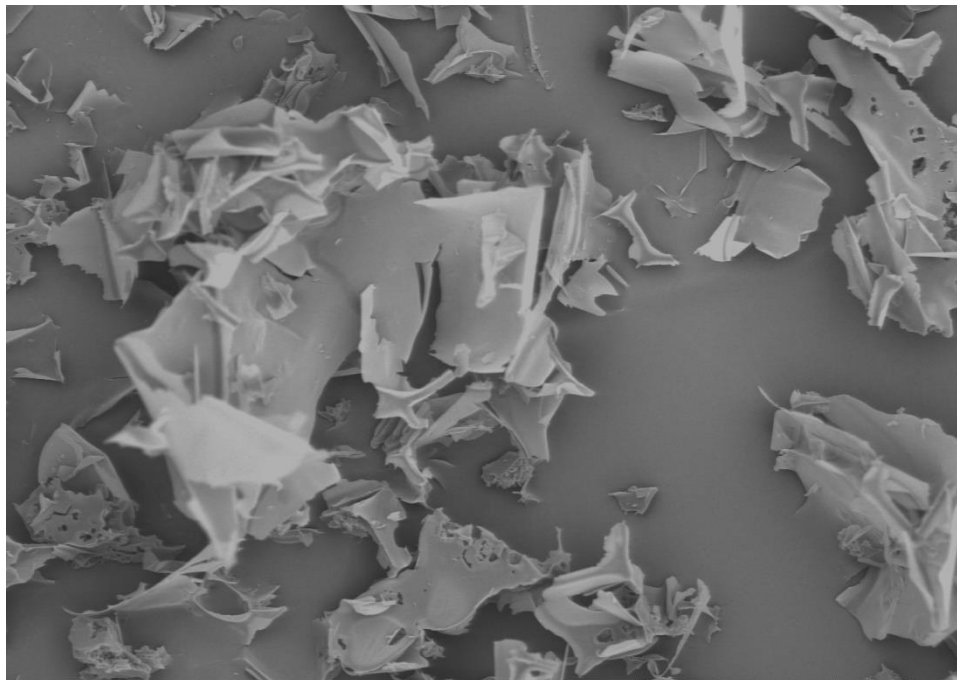


Clariant SU7000 5.00kV 6.0mm x200 UD+LD+MD 12/11/2024 200µm

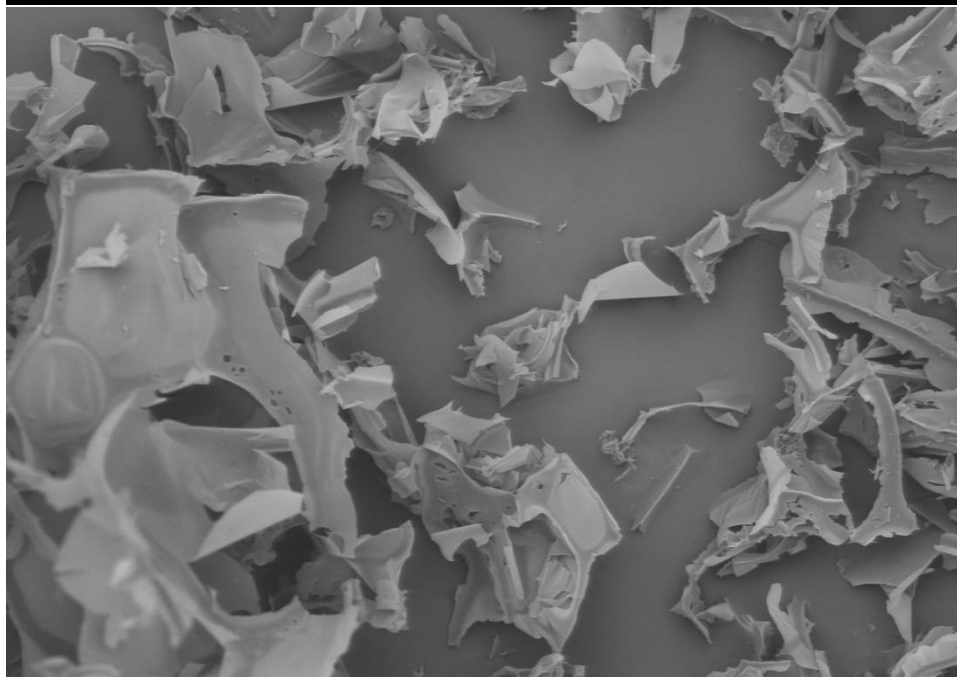
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**Sample name:** TB1160A 2/3 20% NaOH 35Hz10min 800C 3C/m 1h A 2x1.3P  
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**Dept./Plant:** Curia Germany GmbH  
**Order number:** 24-048821-1

**Sample treatment:** The sample was subjected to platinum sputter coating and then measured.



Clariant SU7000 5.00kV 6.1mm x500 UD+LD+MD 12/11/2024 100µm



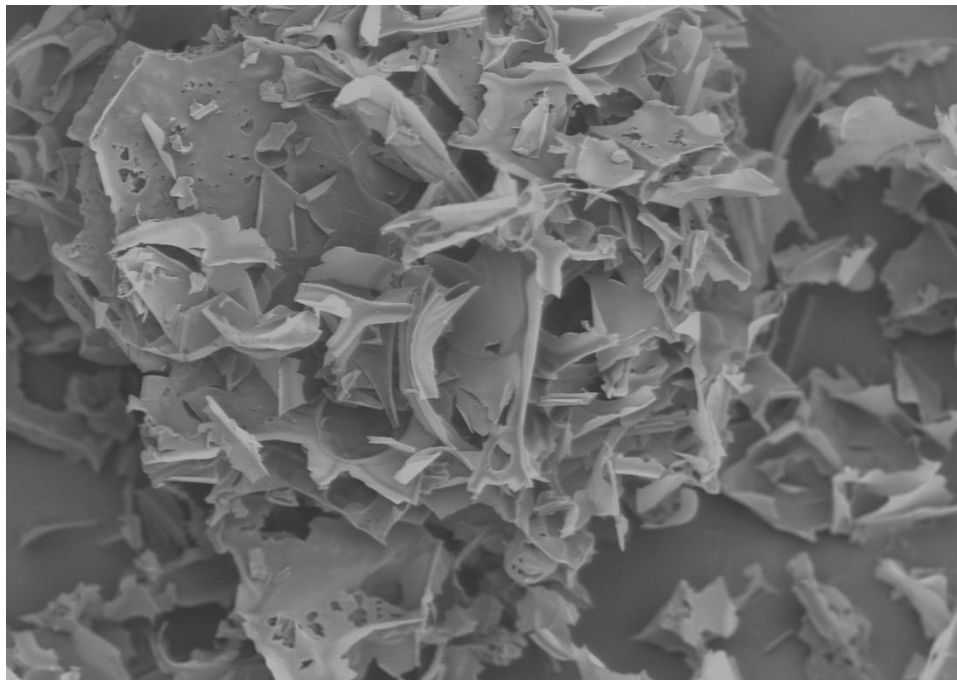
Clariant SU7000 5.00kV 6.1mm x500 UD+LD+MD 12/11/2024 100µm



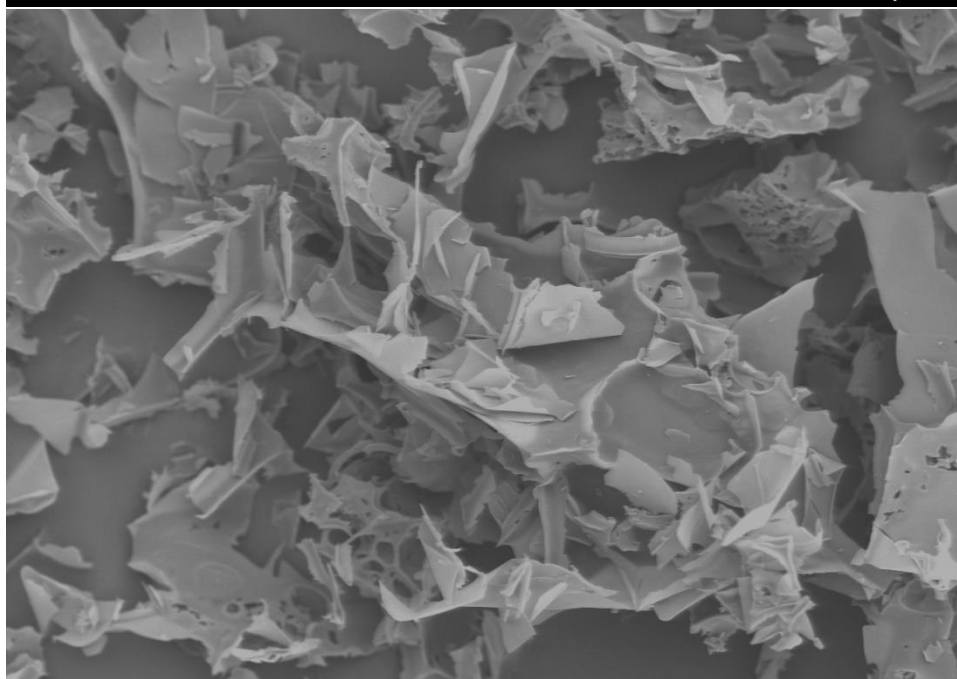
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**Dept./Plant:** Curia Germany GmbH  
**Order number:** 24-048821-1

**Sample treatment:** The sample was subjected to platinum sputter coating and then measured.



Clariant SU7000 5.00kV 5.8mm x500 UD+LD+MD 12/11/2024 100µm

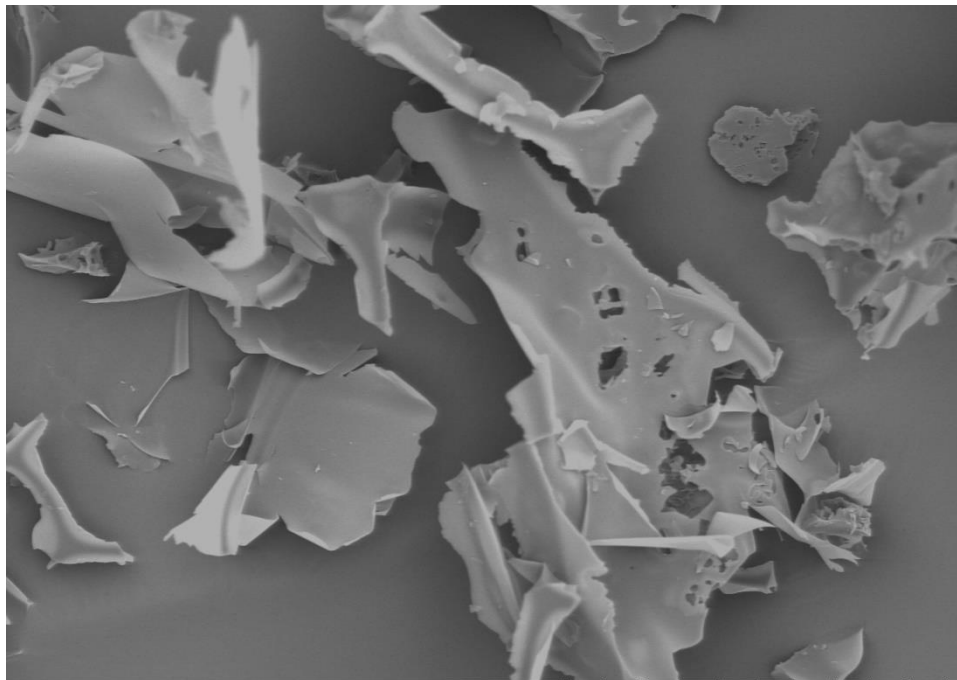


Clariant SU7000 5.00kV 6.0mm x500 UD+LD+MD 12/11/2024 100µm

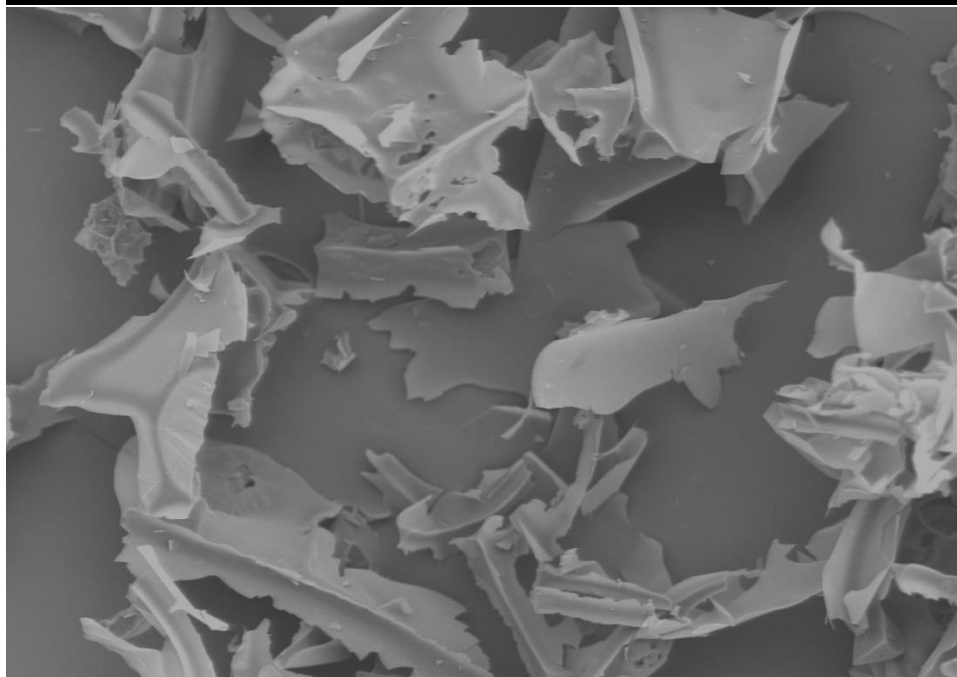
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**Dept./Plant:** Curia Germany GmbH  
**Order number:** 24-048821-1

**Sample treatment:** The sample was subjected to platinum sputter coating and then measured.



Clariant SU7000 5.00kV 6.1mm x1.00k UD+LD+MD 12/11/2024 50.0µm

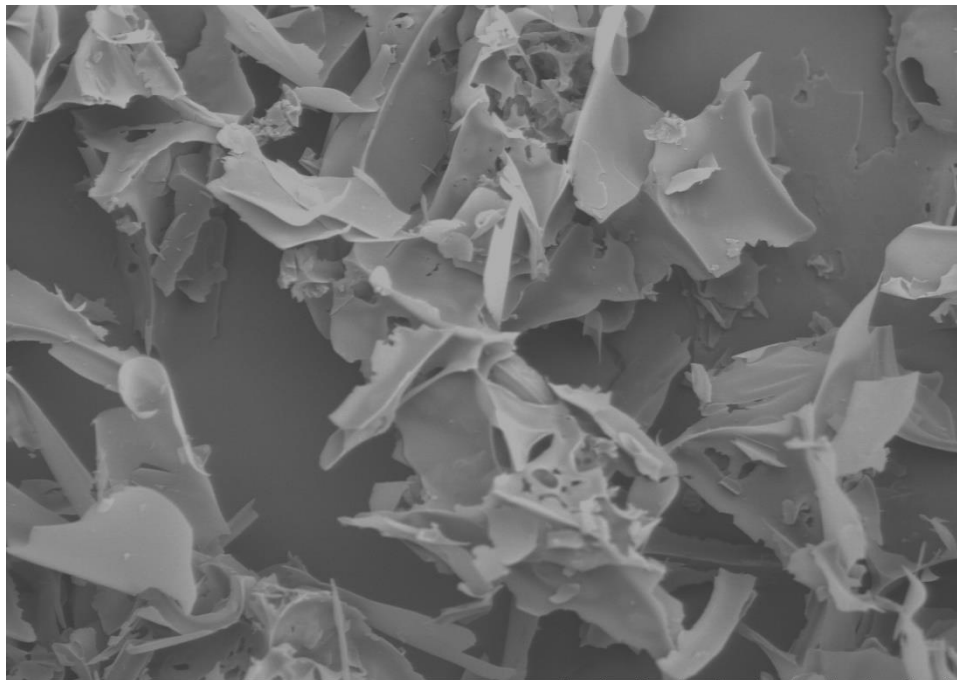


Clariant SU7000 5.00kV 6.1mm x1.00k UD+LD+MD 12/11/2024 50.0µm

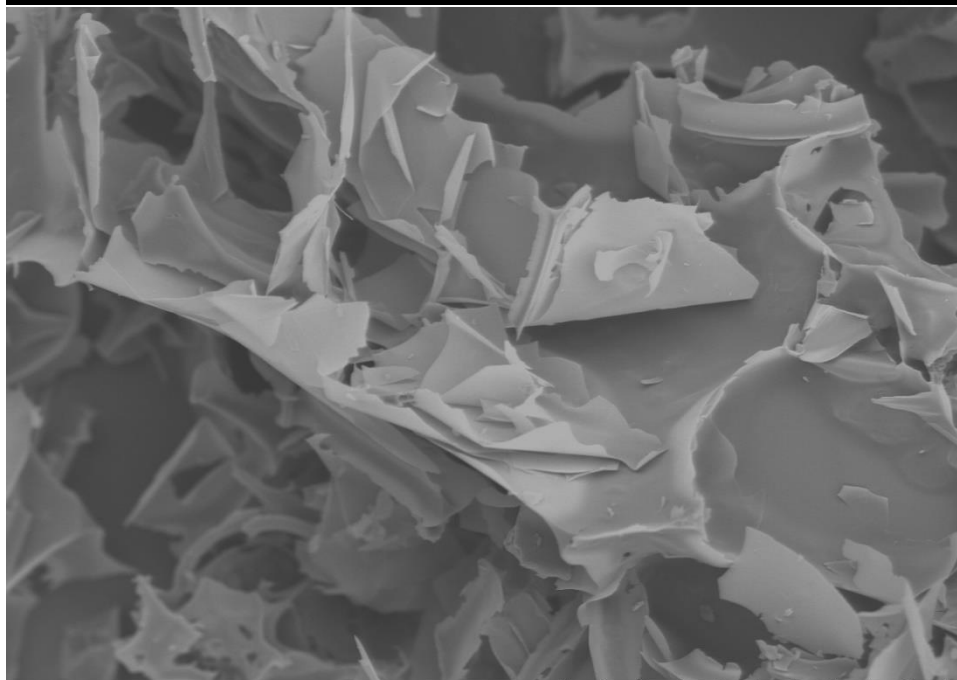
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**Sample name:** TB1160A 2/3 20% NaOH 35Hz10min 800C 3C/m 1h A 2x1.3P  
**Ordering customer:** Dr. Torsten Busch  
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**Sample treatment:** The sample was subjected to platinum sputter coating and then measured.



Clariant SU7000 5.00kV 5.9mm x1.00k UD+LD+MD 12/11/2024 50.0µm



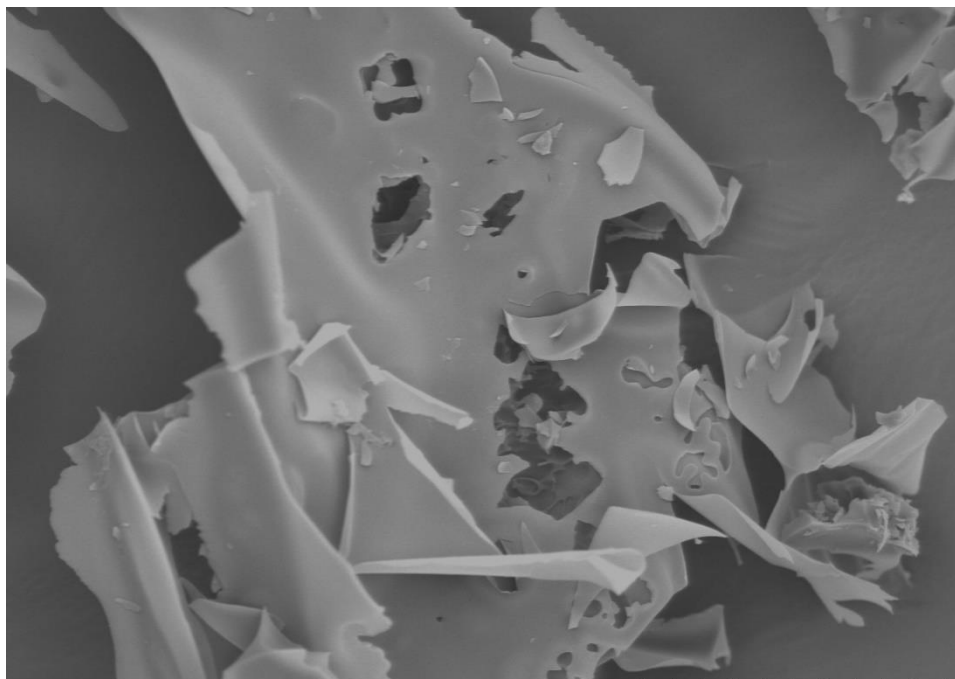
Clariant SU7000 5.00kV 6.0mm x1.00k UD+LD+MD 12/11/2024 50.0µm



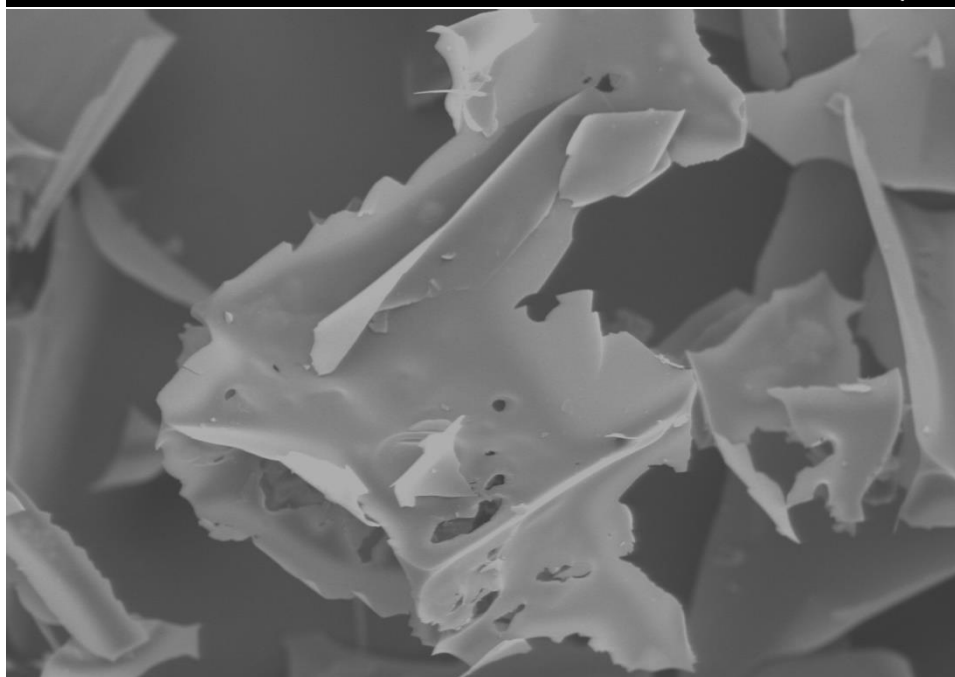
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**Dept./Plant:** Curia Germany GmbH  
**Order number:** 24-048821-1

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Clariant SU7000 5.00kV 6.1mm x2.00k UD+LD+MD 12/11/2024 20.0µm



Clariant SU7000 5.00kV 6.0mm x2.00k UD+LD+MD 12/11/2024 20.0µm

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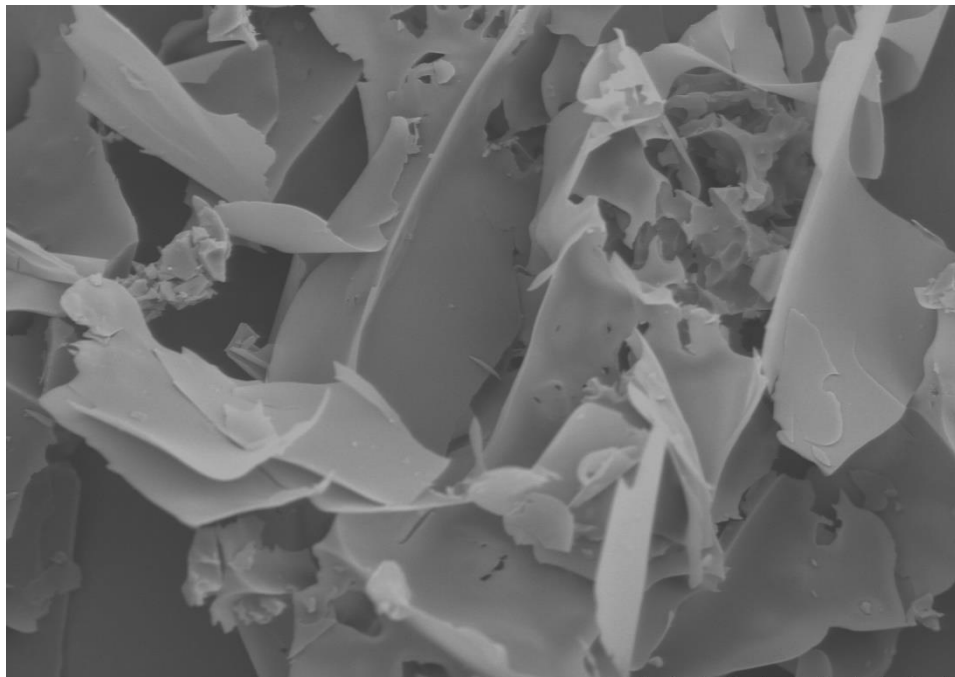
## SCANNING ELECTRON MICROSCOPE (SEM)

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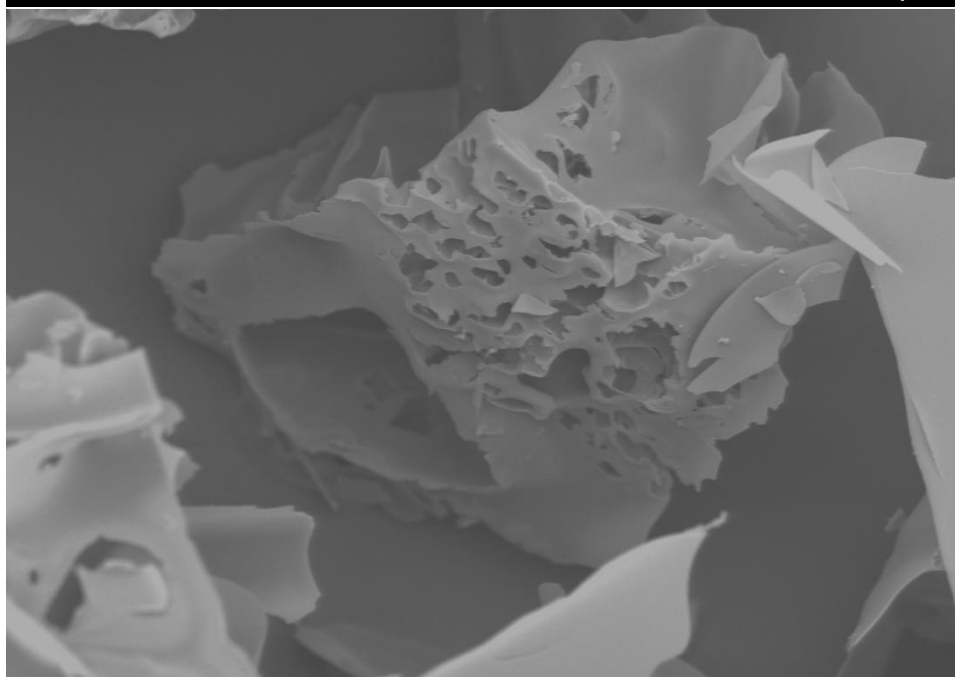
**Sample name:** TB1160A 2/3 20% NaOH 35Hz10min 800C 3C/m 1h A 2x1.3P  
**Ordering customer:** Dr. Torsten Busch  
**Dept./Plant:** Curia Germany GmbH  
**Order number:** 24-048821-1

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**Sample treatment:** The sample was subjected to platinum sputter coating and then measured.



Clariant SU7000 5.00kV 5.9mm x2.00k UD+LD+MD 12/11/2024 20.0µm

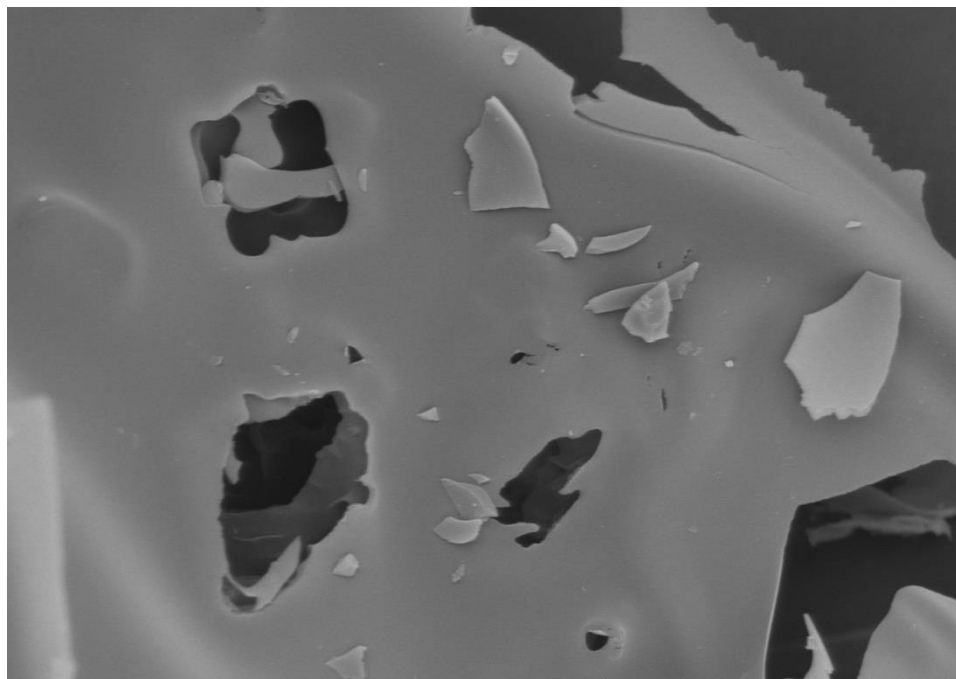


Clariant SU7000 5.00kV 6.1mm x2.00k UD+LD+MD 12/11/2024 20.0µm

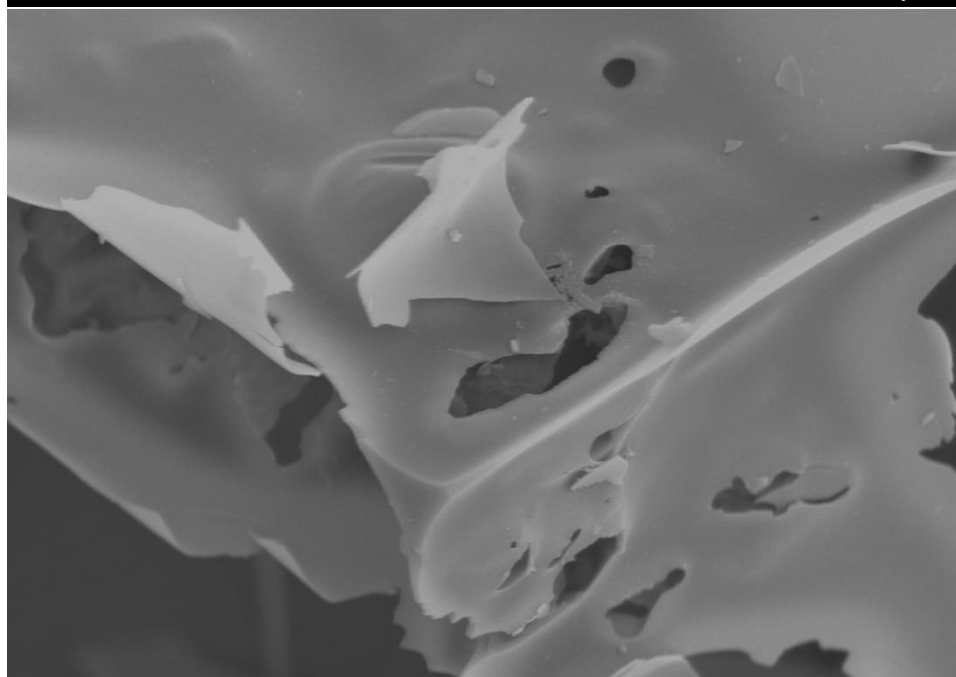
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Clariant SU7000 5.00kV 6.1mm x5.00k UD+LD+MD 12/11/2024 10.0µm

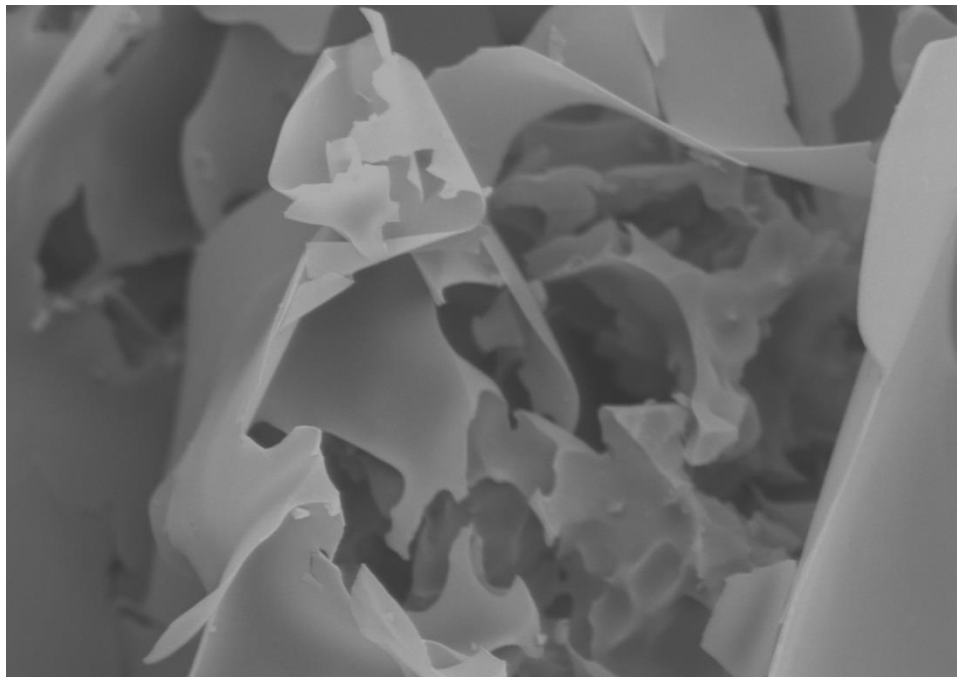


Clariant SU7000 5.00kV 6.0mm x5.00k UD+LD+MD 12/11/2024 10.0µm

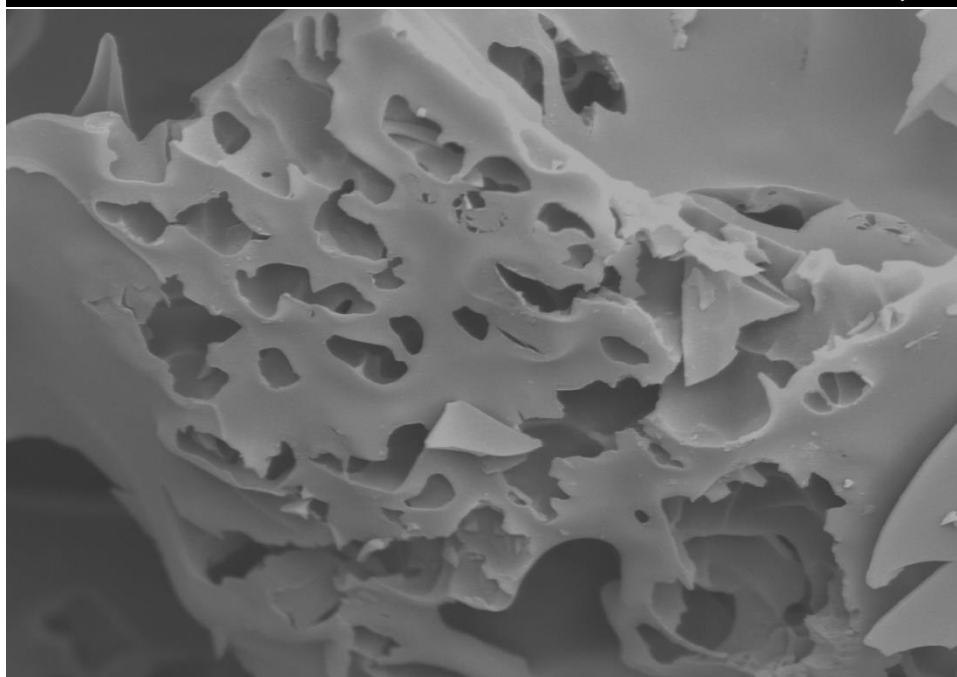
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Clariant SU7000 5.00kV 5.9mm x5.00k UD+LD+MD 12/11/2024 10.0µm

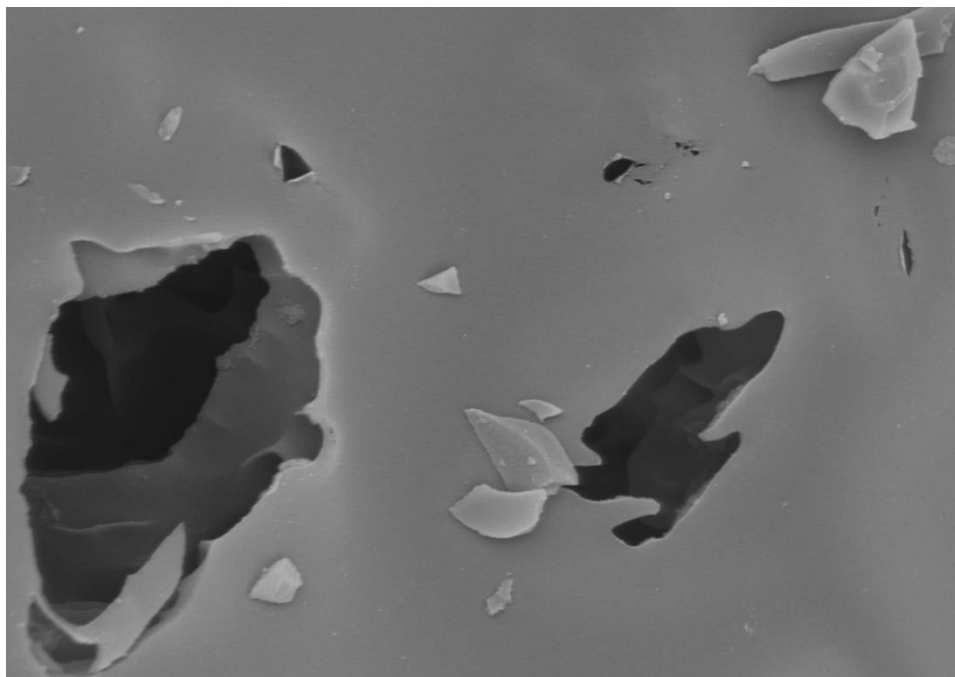


Clariant SU7000 5.00kV 6.1mm x5.00k UD+LD+MD 12/11/2024 10.0µm

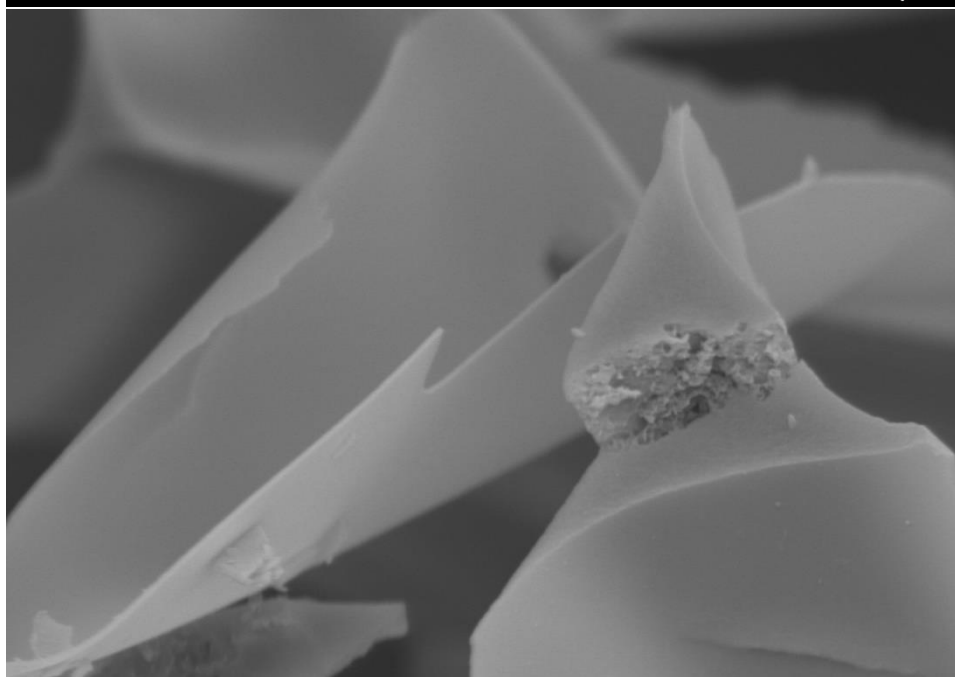
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**Dept./Plant:** Curia Germany GmbH  
**Order number:** 24-048821-1

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Clariant SU7000 5.00kV 6.1mm x10.0k UD+LD+MD 12/11/2024 5.00µm

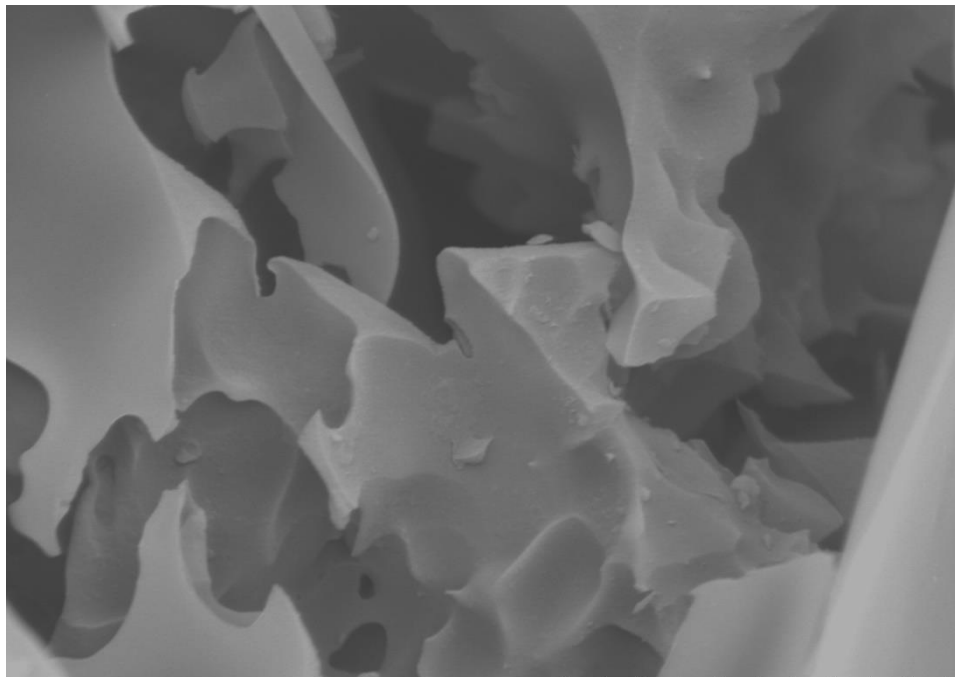


Clariant SU7000 5.00kV 6.0mm x10.0k UD+LD+MD 12/11/2024 5.00µm

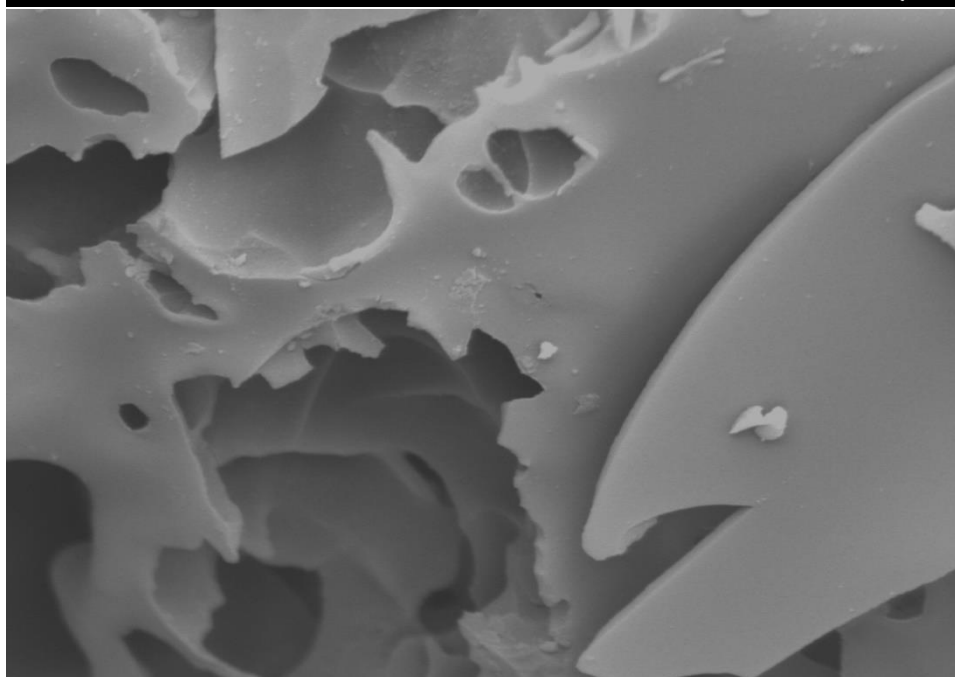
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Clariant SU7000 5.00kV 5.9mm x10.0k UD+LD+MD 12/11/2024 5.00µm



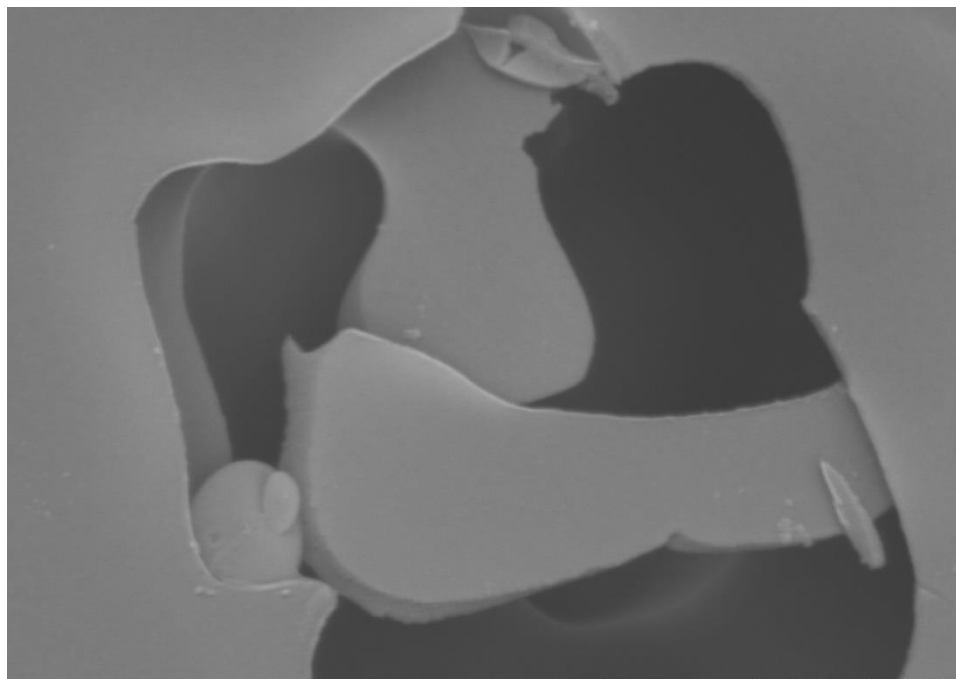
Clariant SU7000 5.00kV 6.1mm x10.0k UD+LD+MD 12/11/2024 5.00µm



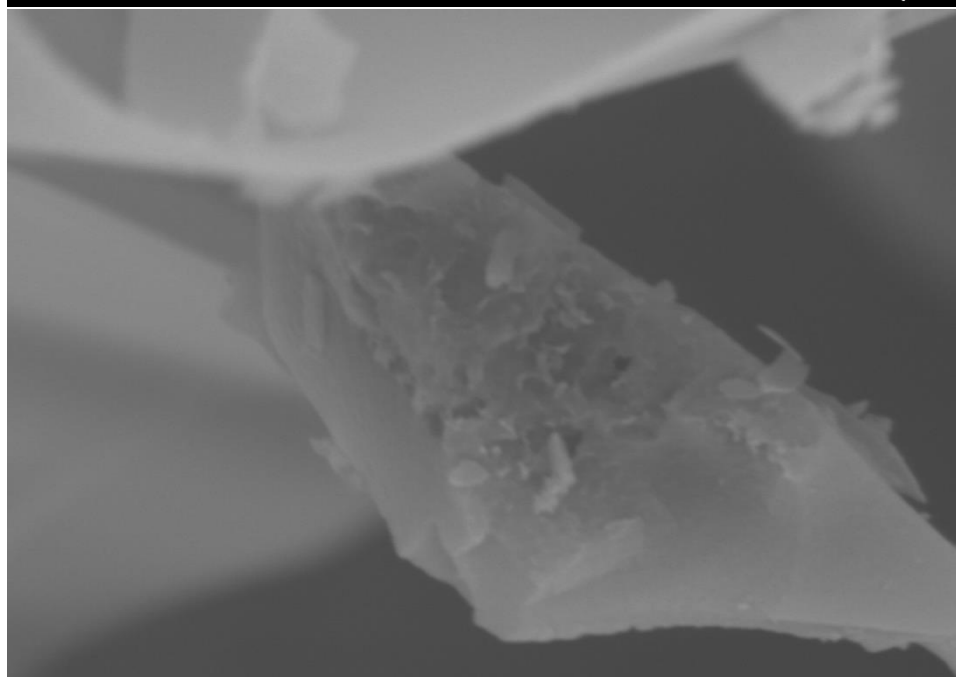
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Clariant SU7000 5.00kV 6.1mm x25.0k UD+LD+MD 12/11/2024 2.00µm

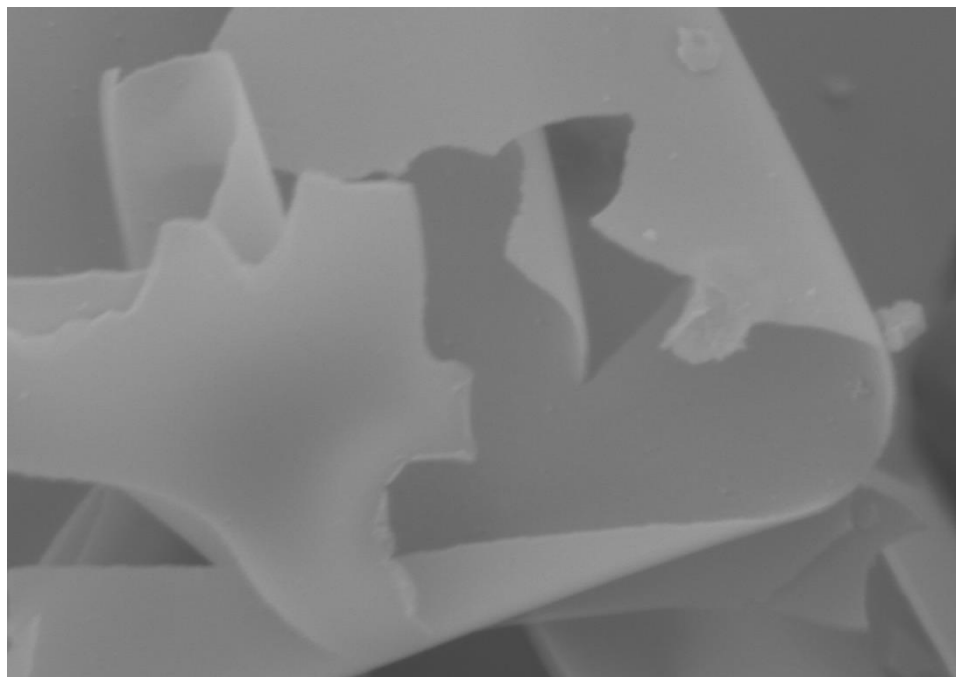


Clariant SU7000 5.00kV 6.0mm x25.0k UD+LD+MD 12/11/2024 2.00µm

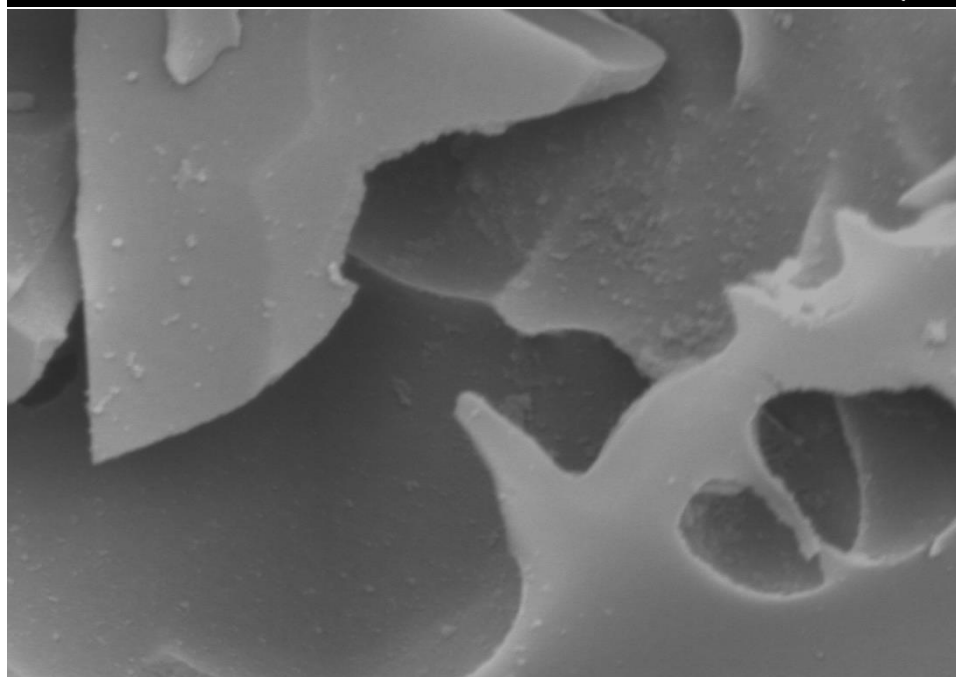
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Clariant SU7000 5.00kV 5.9mm x25.0k UD+LD+MD 12/11/2024 2.00µm



Clariant SU7000 5.00kV 6.1mm x25.0k UD+LD+MD 12/11/2024 2.00µm