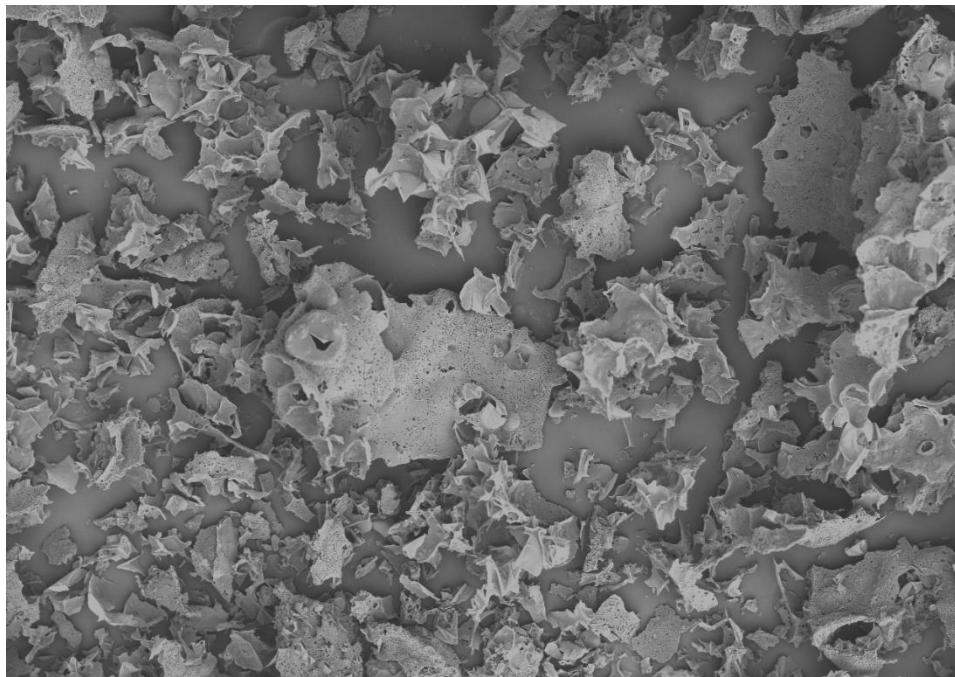


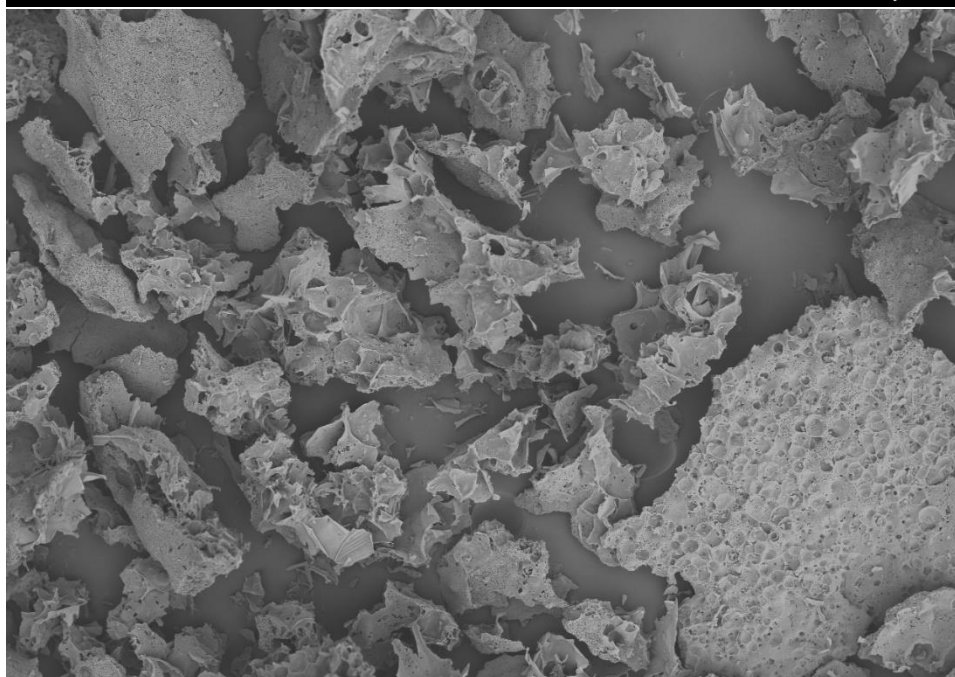
## SCANNING ELECTRON MICROSCOPE (SEM)

**Sample name:** MRa380 2/3 12% 3min 800C 3C/m 1h A 2x1.3P  
**Ordering customer:** Dr. Torsten Busch  
**Dept./Plant:** Curia Germany GmbH  
**Order number:** 25-049197-1

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



Clariant SU7000 5.00kV 6.4mm x100 UD+LD+MD 02/07/2025 500µm

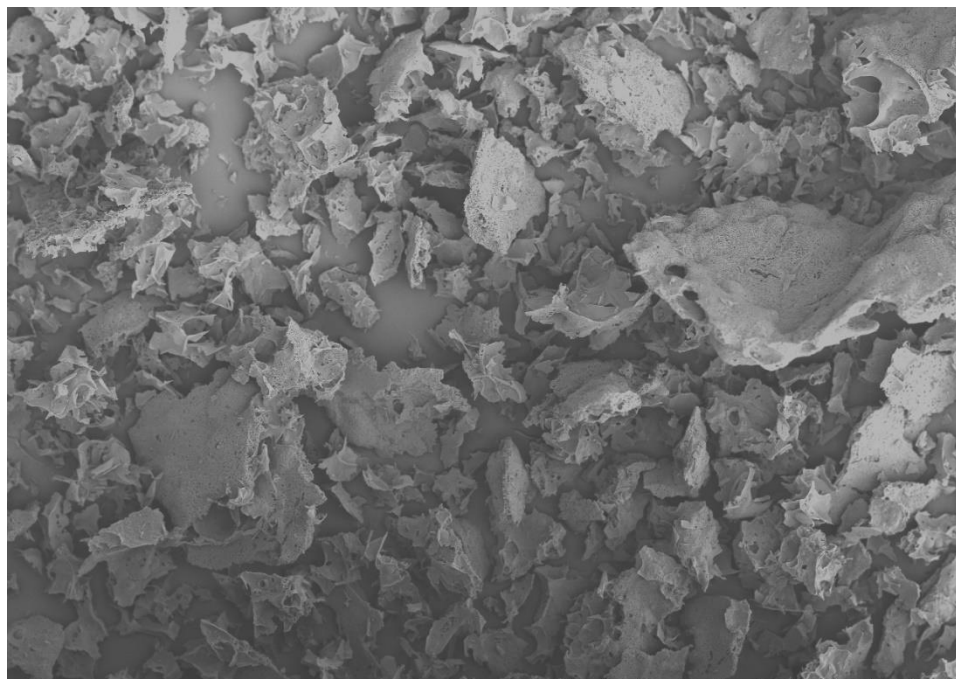


Clariant SU7000 5.00kV 6.4mm x100 UD+LD+MD 02/07/2025 500µm

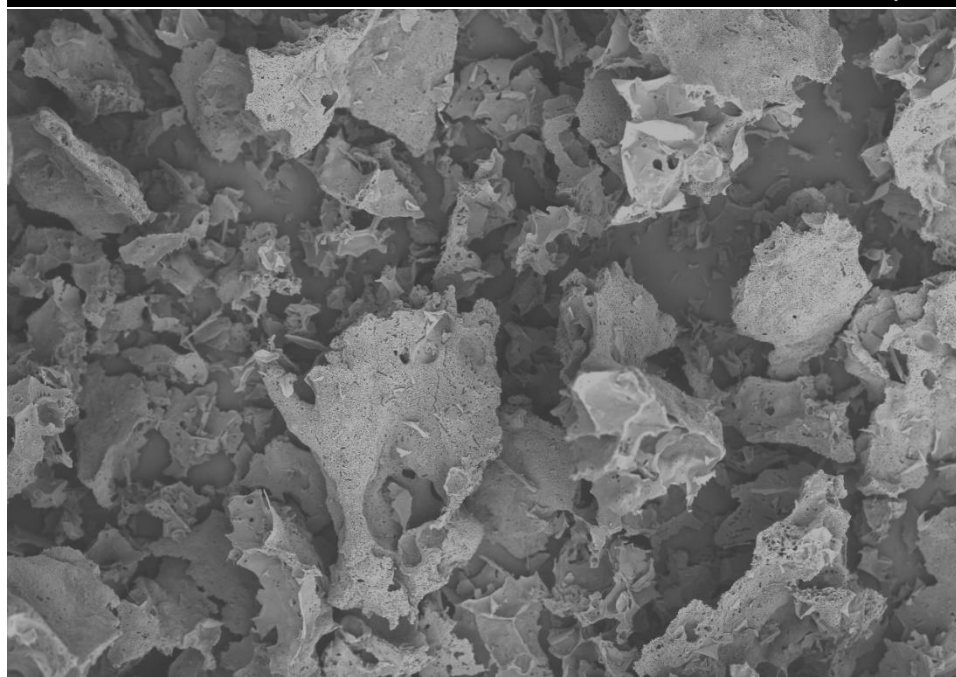
## SCANNING ELECTRON MICROSCOPE (SEM)

**Sample name:** MRa380 2/3 12% 3min 800C 3C/m 1h A 2x1.3P  
**Ordering customer:** Dr. Torsten Busch  
**Dept./Plant:** Curia Germany GmbH  
**Order number:** 25-049197-1

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



Clariant SU7000 5.00kV 6.3mm x100 UD+LD+MD 02/07/2025 500µm

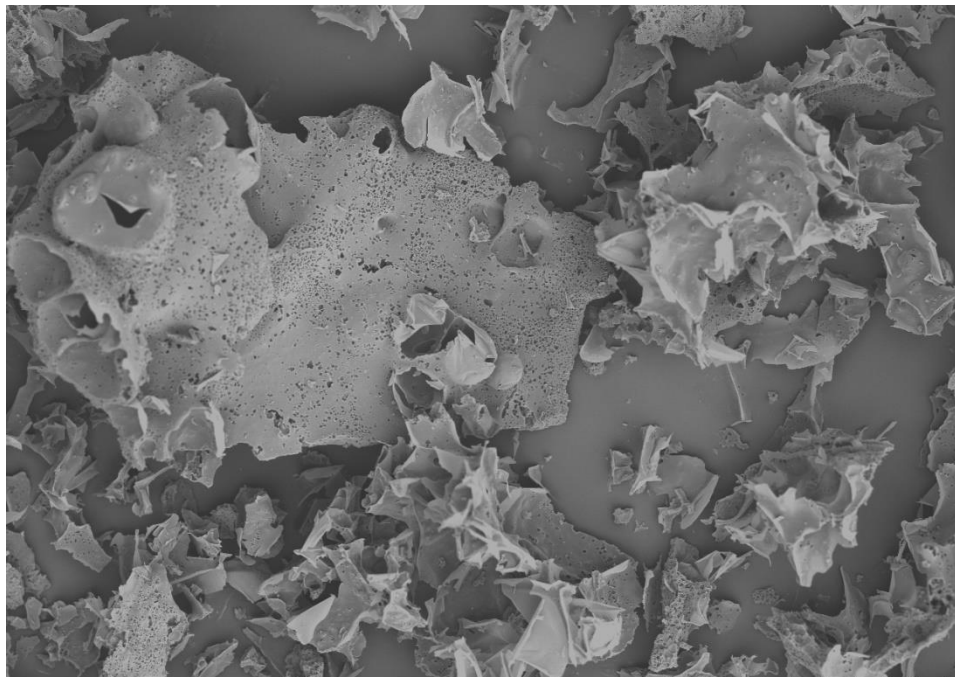


Clariant SU7000 5.00kV 6.3mm x100 UD+LD+MD 02/07/2025 500µm

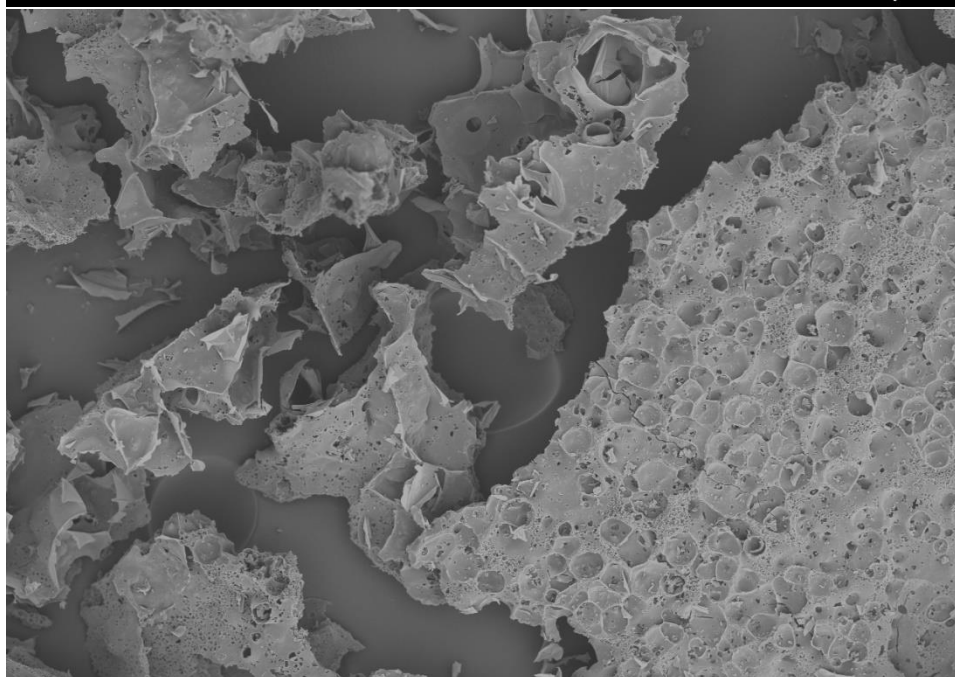
## SCANNING ELECTRON MICROSCOPE (SEM)

**Sample name:** MRa380 2/3 12% 3min 800C 3C/m 1h A 2x1.3P  
**Ordering customer:** Dr. Torsten Busch  
**Dept./Plant:** Curia Germany GmbH  
**Order number:** 25-049197-1

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



Clariant SU7000 5.00kV 6.4mm x200 UD+LD+MD 02/07/2025 200µm

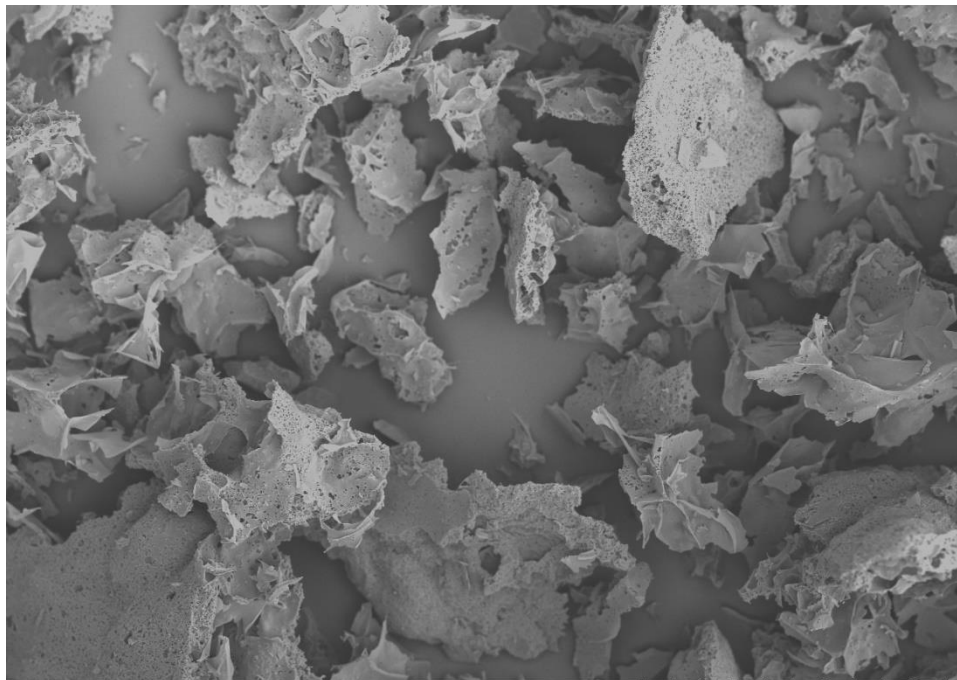


Clariant SU7000 5.00kV 6.4mm x200 UD+LD+MD 02/07/2025 200µm

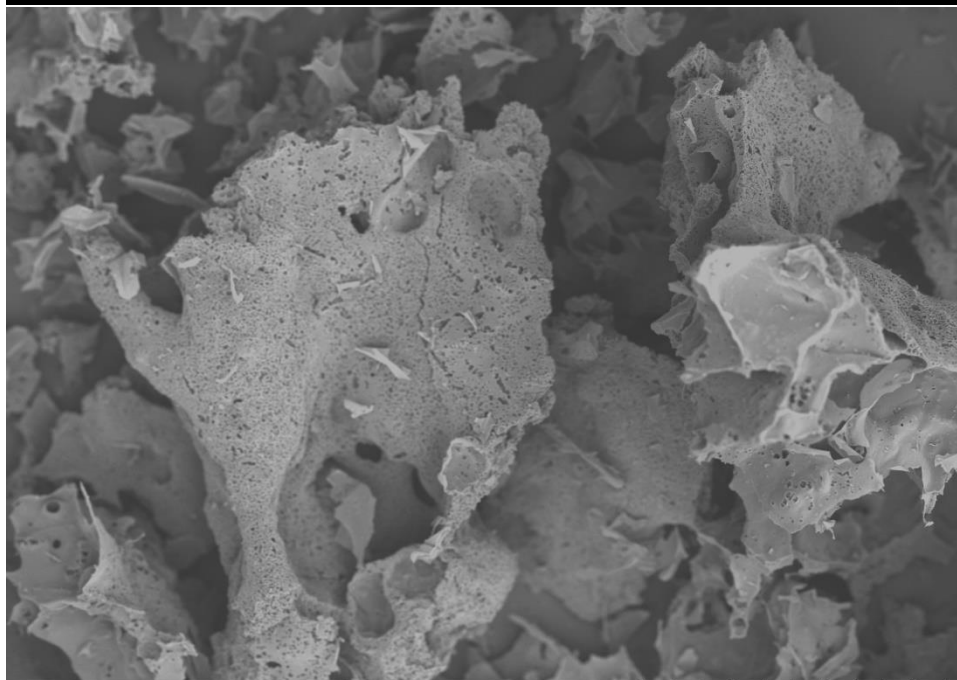
## SCANNING ELECTRON MICROSCOPE (SEM)

**Sample name:** MRa380 2/3 12% 3min 800C 3C/m 1h A 2x1.3P  
**Ordering customer:** Dr. Torsten Busch  
**Dept./Plant:** Curia Germany GmbH  
**Order number:** 25-049197-1

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



Clariant SU7000 5.00kV 6.3mm x200 UD+LD+MD 02/07/2025 200µm

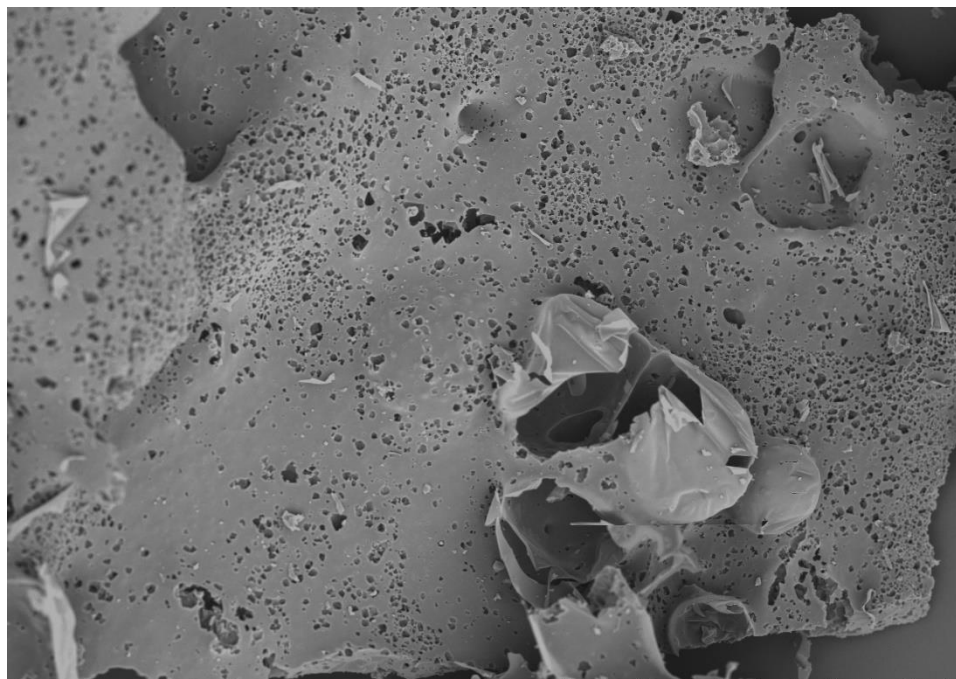


Clariant SU7000 5.00kV 6.2mm x200 UD+LD+MD 02/07/2025 200µm

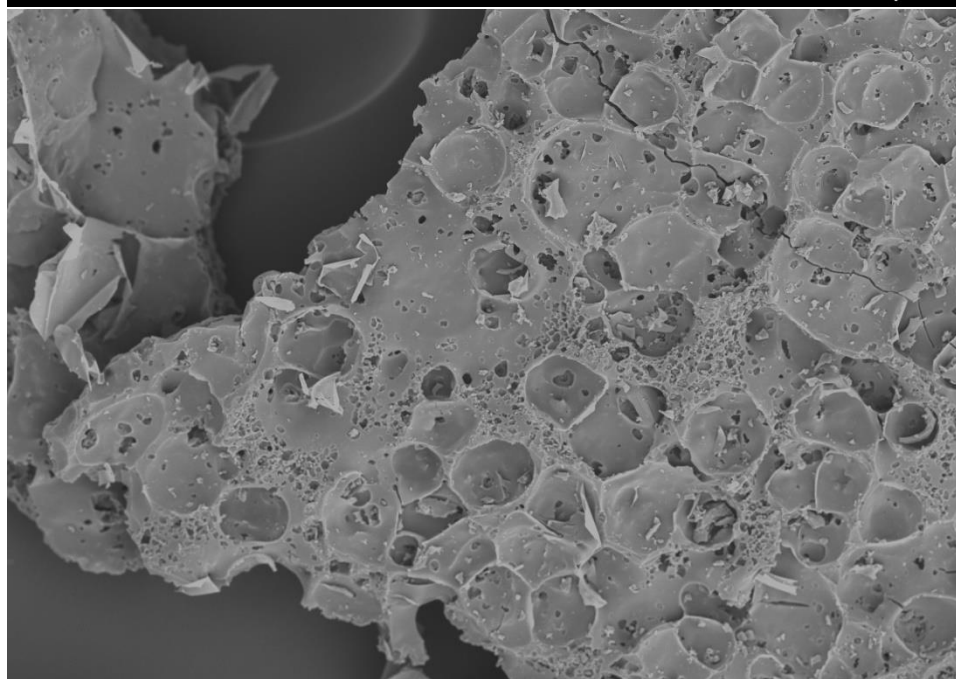
## SCANNING ELECTRON MICROSCOPE (SEM)

**Sample name:** MRa380 2/3 12% 3min 800C 3C/m 1h A 2x1.3P  
**Ordering customer:** Dr. Torsten Busch  
**Dept./Plant:** Curia Germany GmbH  
**Order number:** 25-049197-1

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



Clariant SU7000 5.00kV 6.4mm x500 UD+LD+MD 02/07/2025 100µm



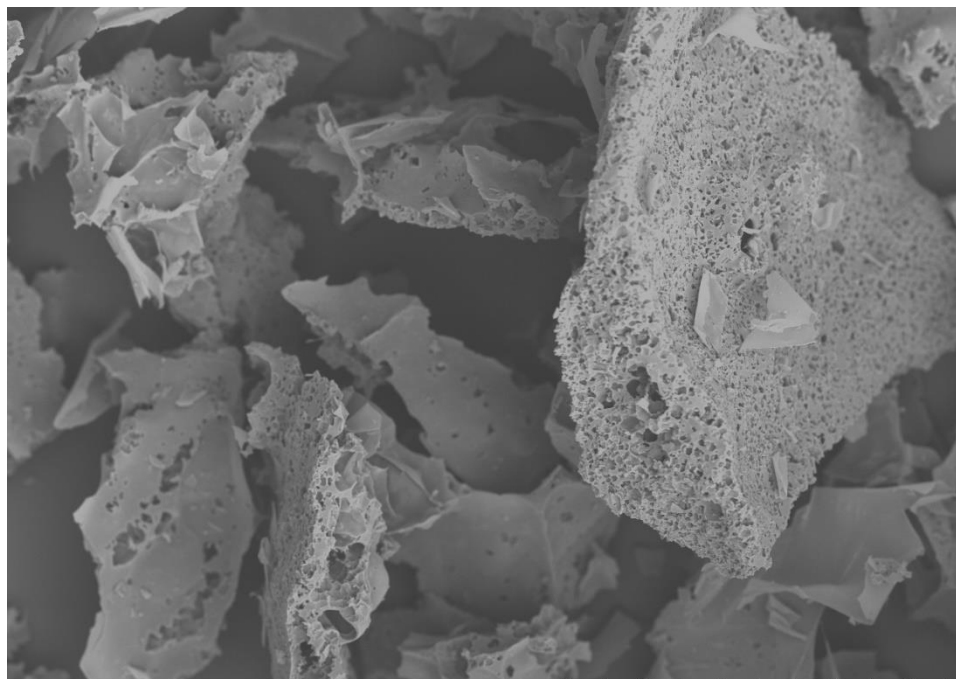
Clariant SU7000 5.00kV 6.4mm x500 UD+LD+MD 02/07/2025 100µm



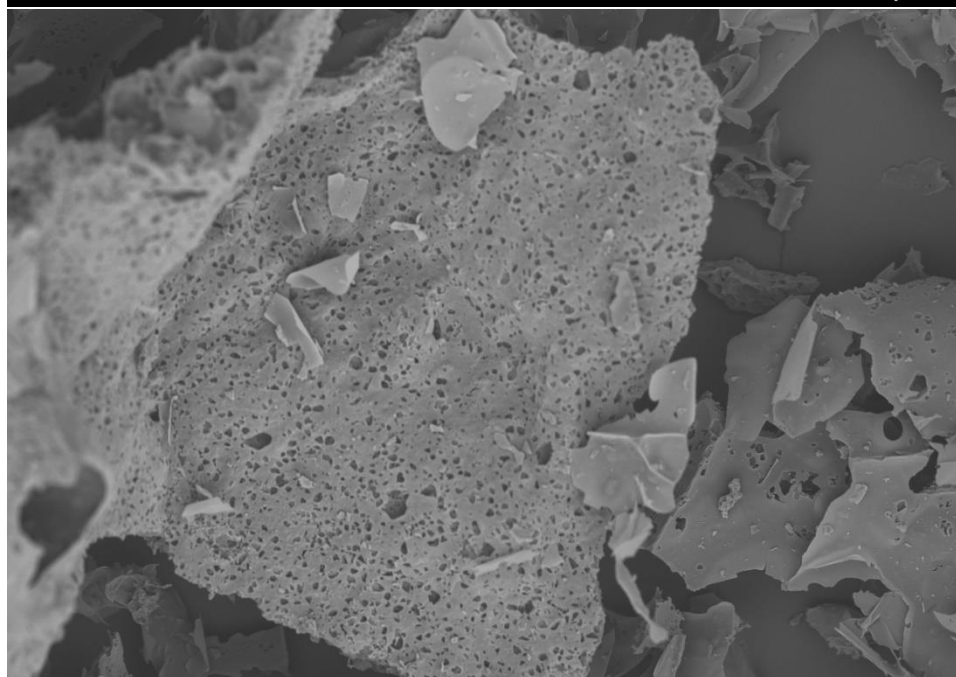
## SCANNING ELECTRON MICROSCOPE (SEM)

**Sample name:** MRa380 2/3 12% 3min 800C 3C/m 1h A 2x1.3P  
**Ordering customer:** Dr. Torsten Busch  
**Dept./Plant:** Curia Germany GmbH  
**Order number:** 25-049197-1

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



Clariant SU7000 5.00kV 6.3mm x500 UD+LD+MD 02/07/2025 100µm

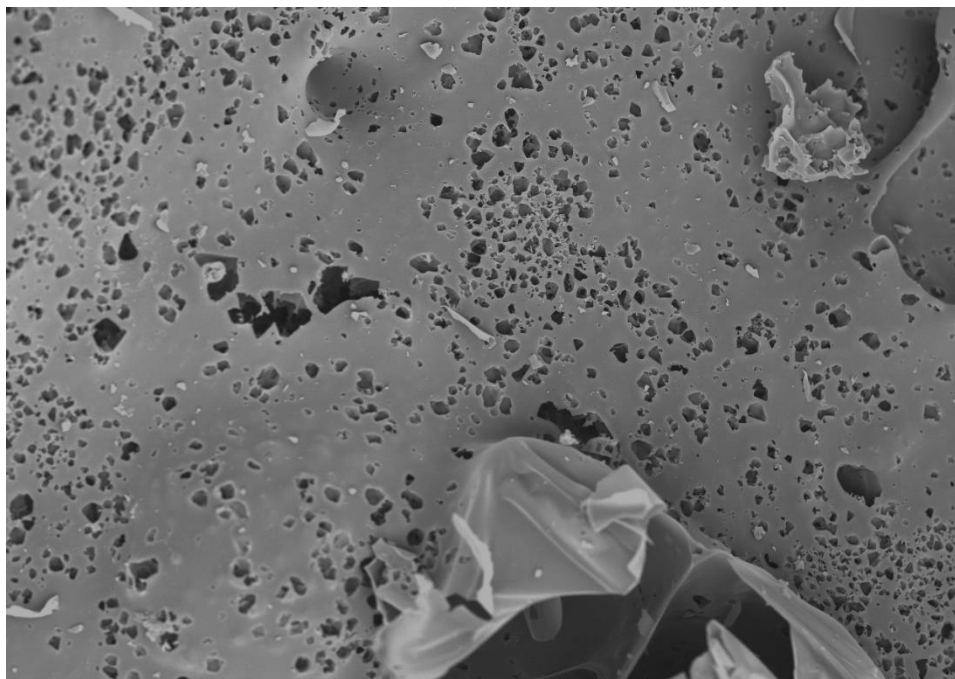


Clariant SU7000 5.00kV 6.5mm x500 UD+LD+MD 02/07/2025 100µm

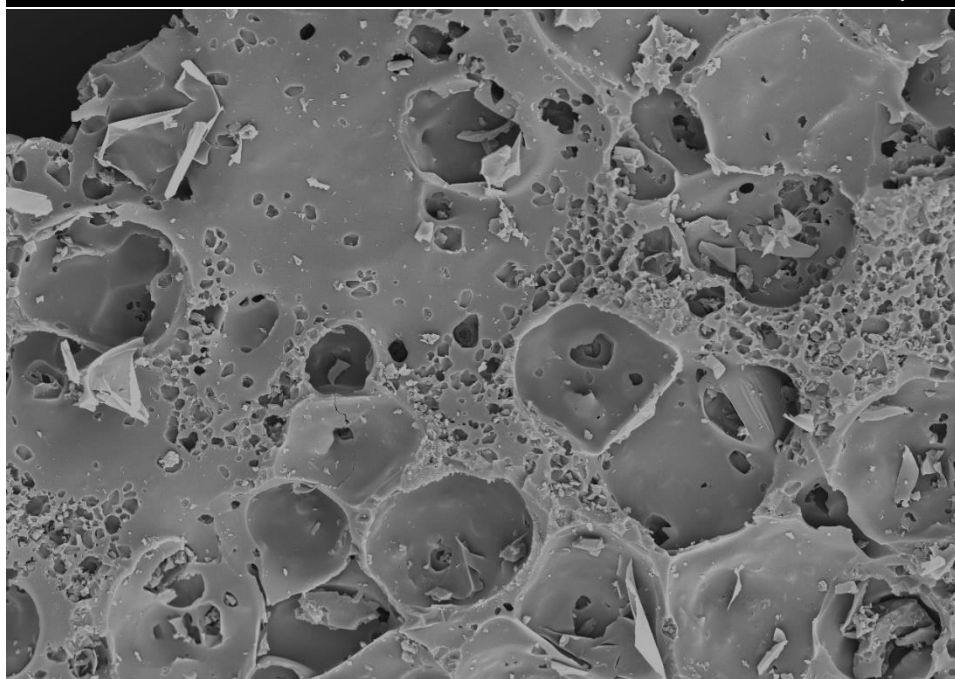
## SCANNING ELECTRON MICROSCOPE (SEM)

**Sample name:** MRa380 2/3 12% 3min 800C 3C/m 1h A 2x1.3P  
**Ordering customer:** Dr. Torsten Busch  
**Dept./Plant:** Curia Germany GmbH  
**Order number:** 25-049197-1

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



Clariant SU7000 5.00kV 6.4mm x1.00k UD+LD+MD 02/07/2025 50.0µm

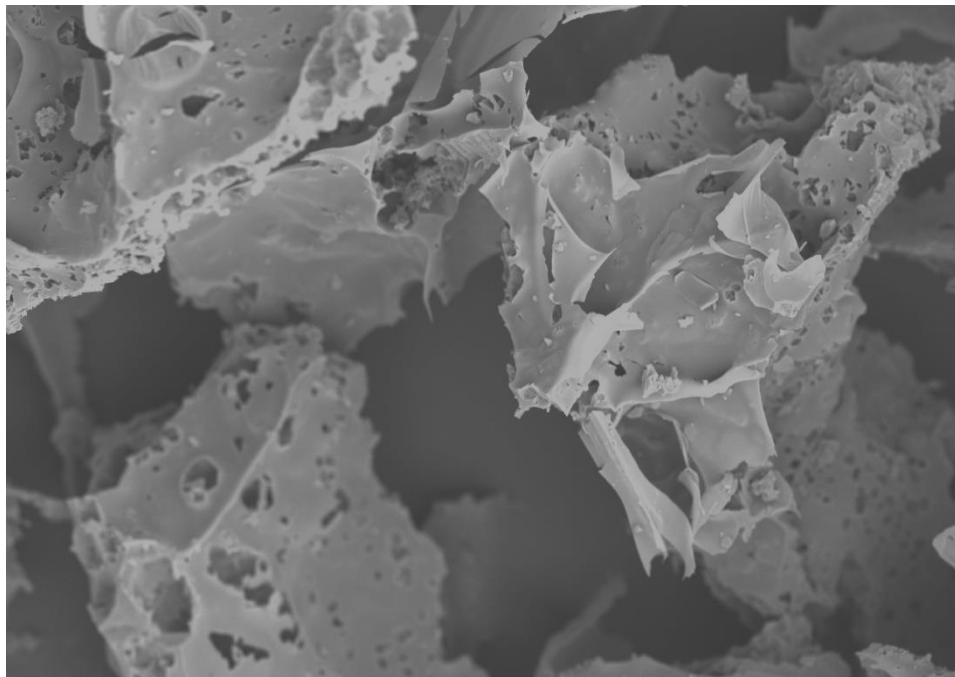


Clariant SU7000 5.00kV 6.5mm x1.00k UD+LD+MD 02/07/2025 50.0µm

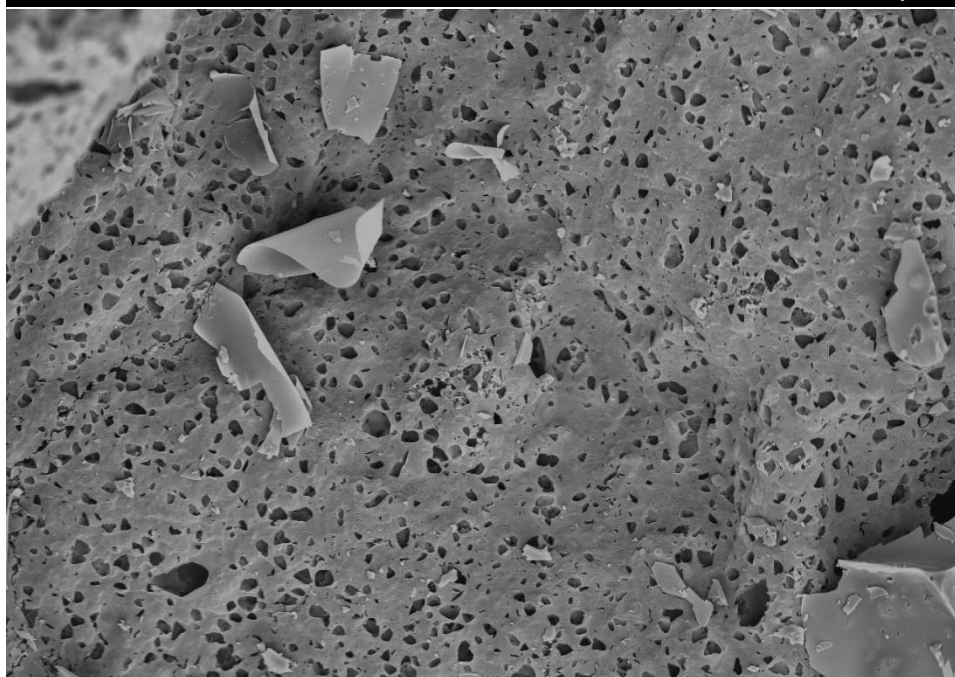
## SCANNING ELECTRON MICROSCOPE (SEM)

**Sample name:** MRa380 2/3 12% 3min 800C 3C/m 1h A 2x1.3P  
**Ordering customer:** Dr. Torsten Busch  
**Dept./Plant:** Curia Germany GmbH  
**Order number:** 25-049197-1

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



Clariant SU7000 5.00kV 6.4mm x1.00k UD+LD+MD 02/07/2025 50.0µm



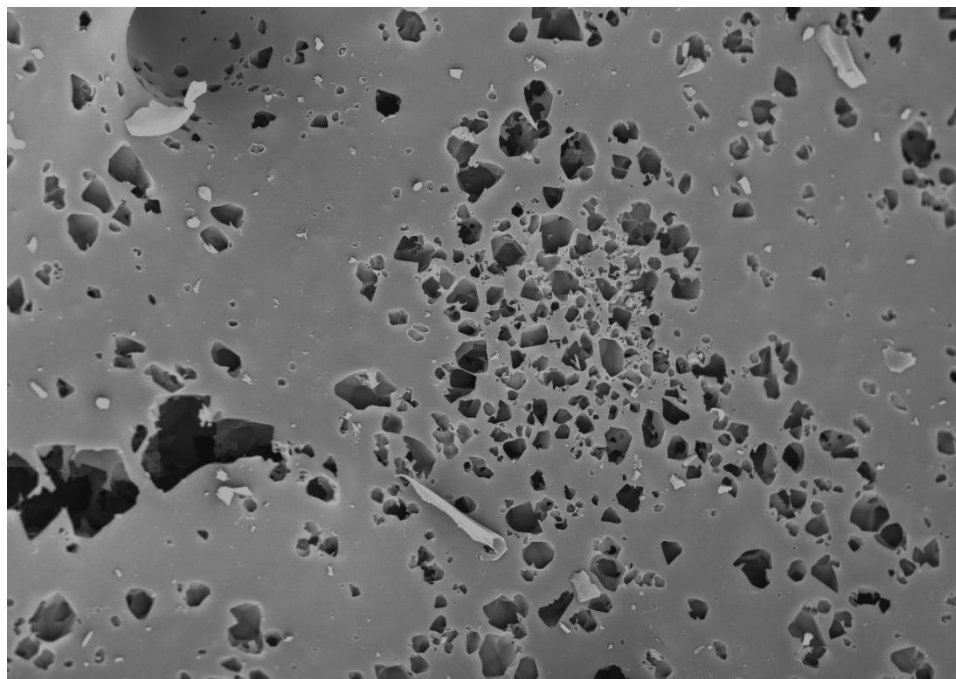
Clariant SU7000 5.00kV 6.5mm x1.00k UD+LD+MD 02/07/2025 50.0µm



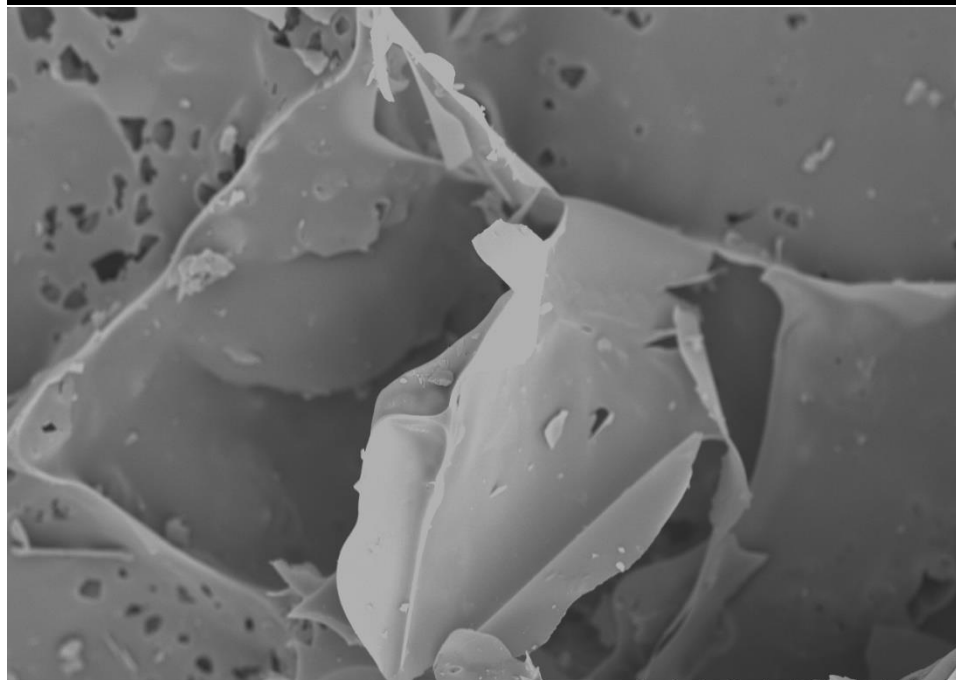
## SCANNING ELECTRON MICROSCOPE (SEM)

**Sample name:** MRa380 2/3 12% 3min 800C 3C/m 1h A 2x1.3P  
**Ordering customer:** Dr. Torsten Busch  
**Dept./Plant:** Curia Germany GmbH  
**Order number:** 25-049197-1

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



Clariant SU7000 5.00kV 6.4mm x2.00k UD+LD+MD 02/07/2025 20.0µm

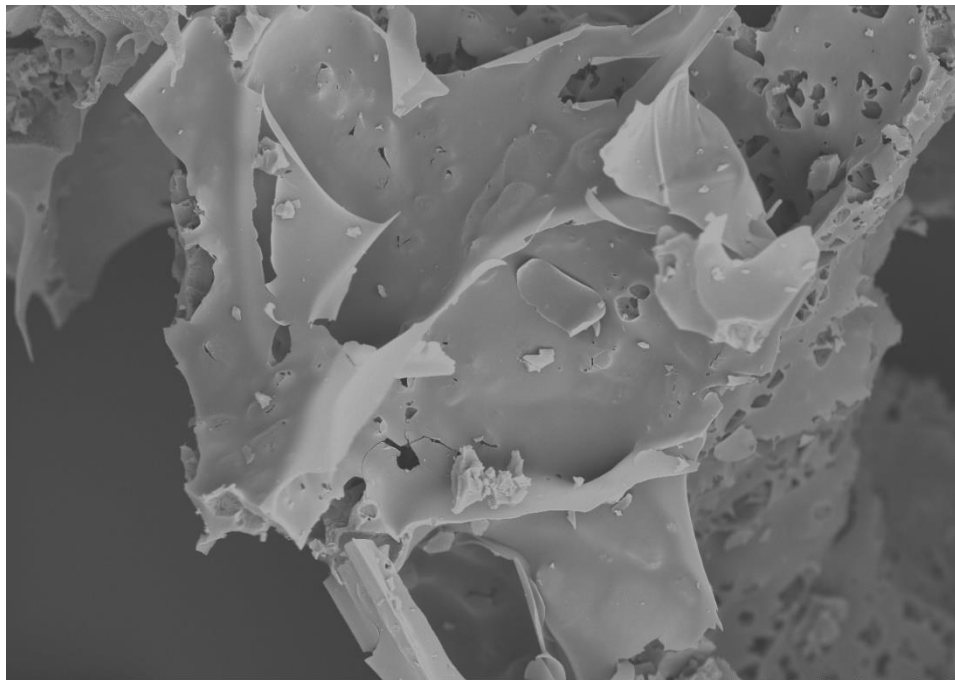


Clariant SU7000 5.00kV 6.5mm x2.00k UD+LD+MD 02/07/2025 20.0µm

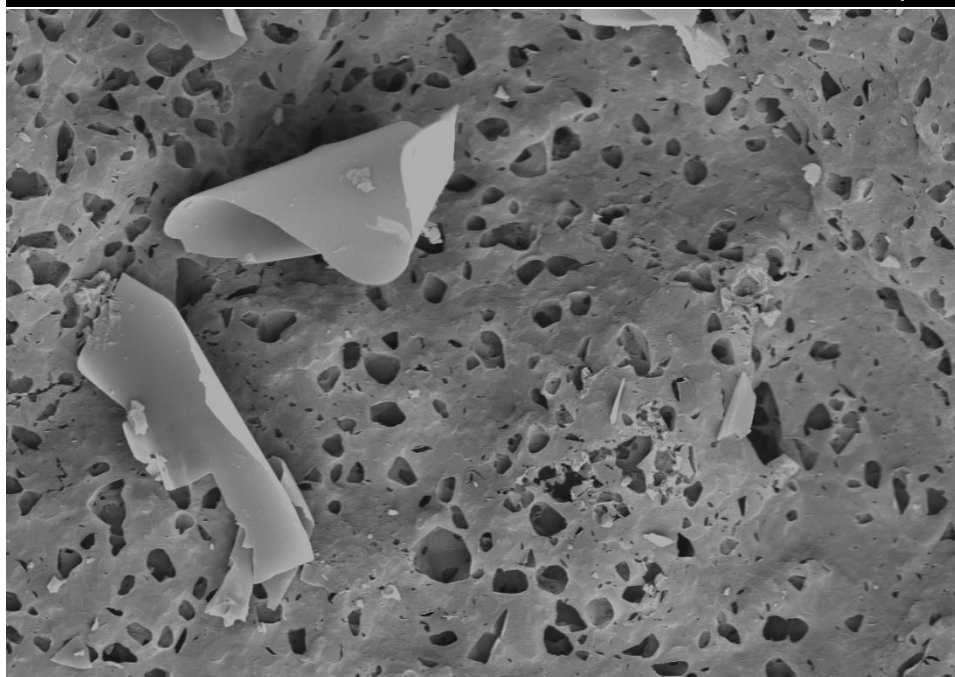
## SCANNING ELECTRON MICROSCOPE (SEM)

**Sample name:** MRa380 2/3 12% 3min 800C 3C/m 1h A 2x1.3P  
**Ordering customer:** Dr. Torsten Busch  
**Dept./Plant:** Curia Germany GmbH  
**Order number:** 25-049197-1

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



Clariant SU7000 5.00kV 6.4mm x2.00k UD+LD+MD 02/07/2025 20.0µm

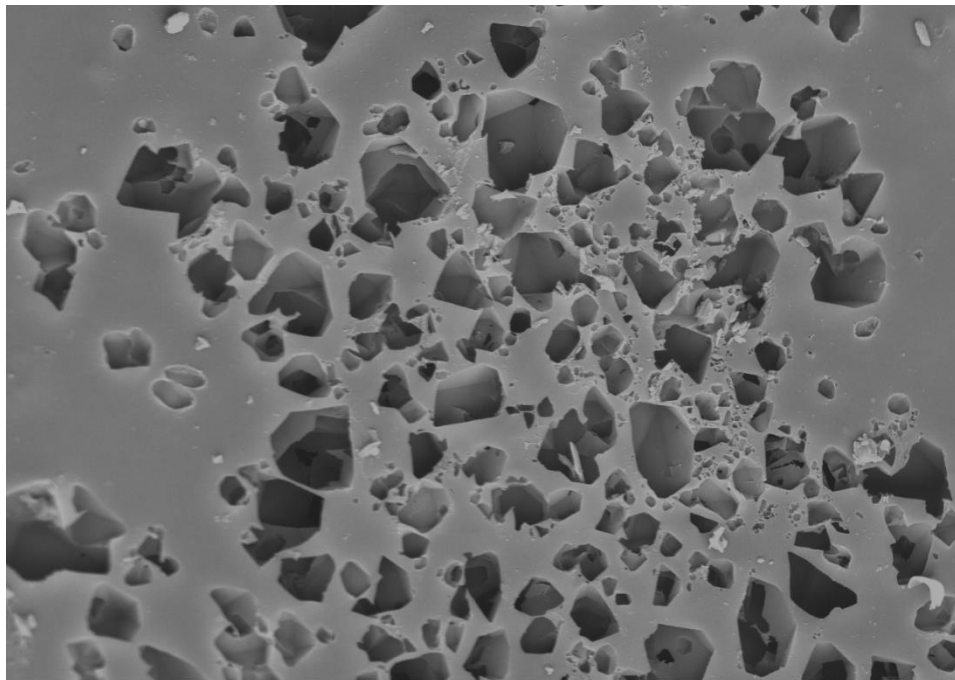


Clariant SU7000 5.00kV 6.5mm x2.00k UD+LD+MD 02/07/2025 20.0µm

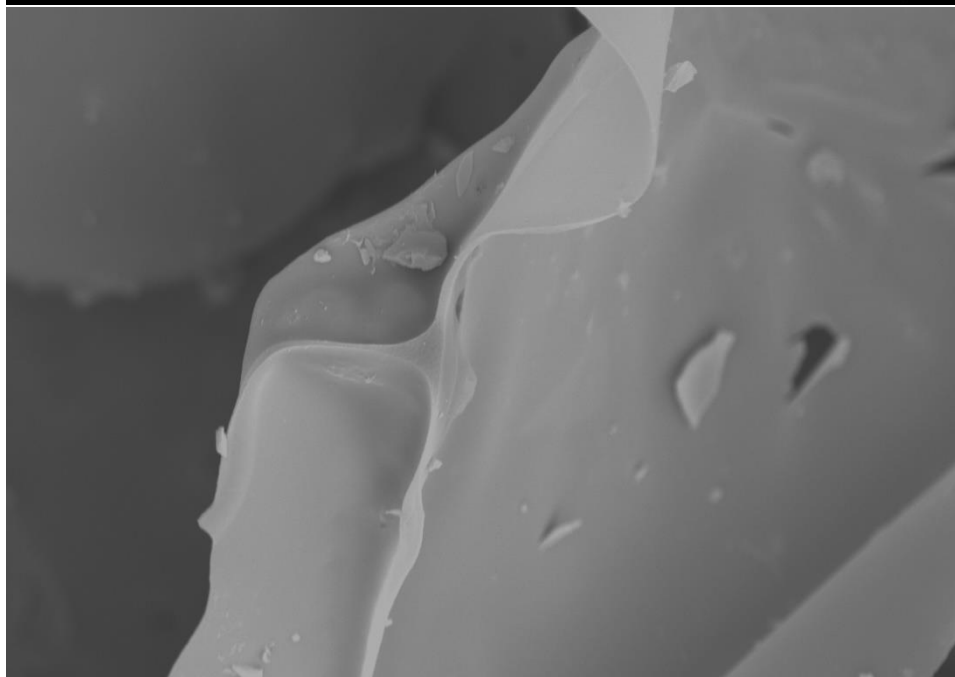
## SCANNING ELECTRON MICROSCOPE (SEM)

**Sample name:** MRa380 2/3 12% 3min 800C 3C/m 1h A 2x1.3P  
**Ordering customer:** Dr. Torsten Busch  
**Dept./Plant:** Curia Germany GmbH  
**Order number:** 25-049197-1

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



Clariant SU7000 5.00kV 6.4mm x5.00k UD+LD+MD 02/07/2025 10.0µm

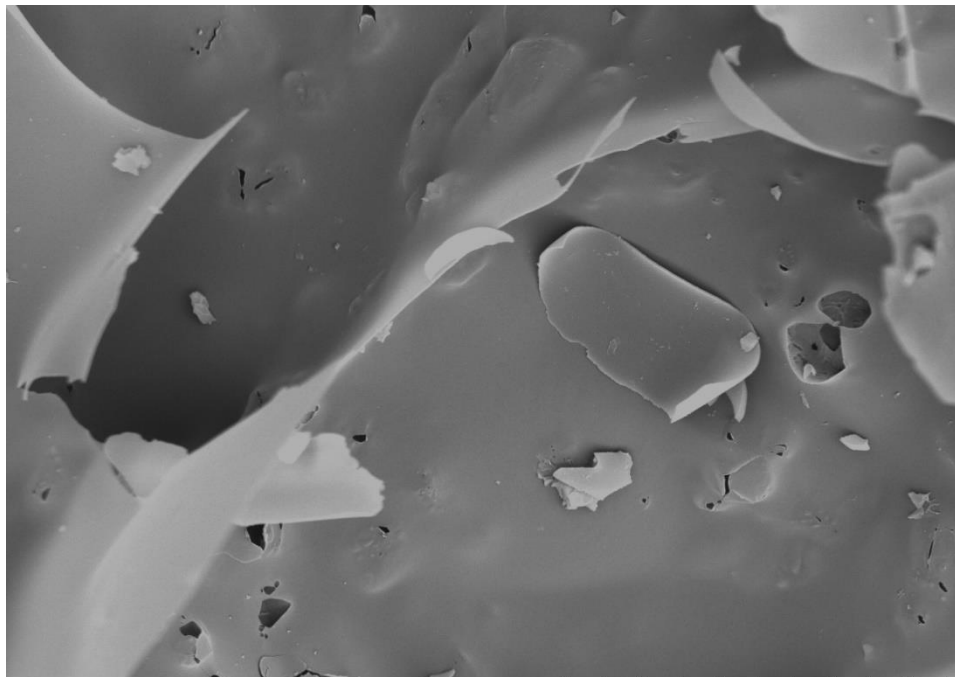


Clariant SU7000 5.00kV 6.5mm x5.00k UD+LD+MD 02/07/2025 10.0µm

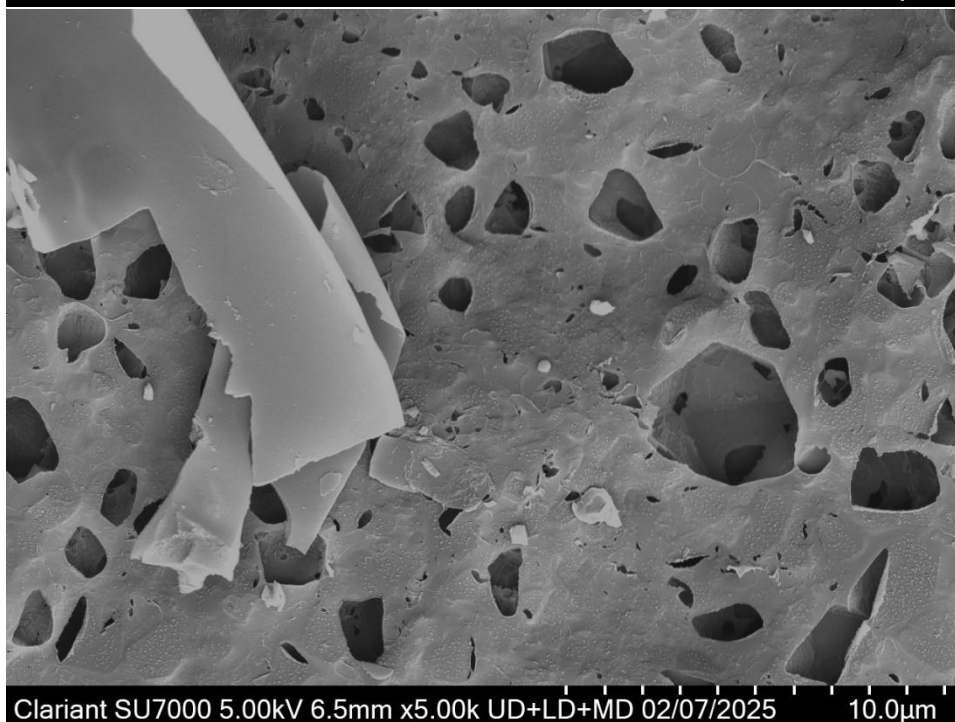
## SCANNING ELECTRON MICROSCOPE (SEM)

**Sample name:** MRa380 2/3 12% 3min 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 6.4mm x5.00k UD+LD+MD 02/07/2025 10.0µm

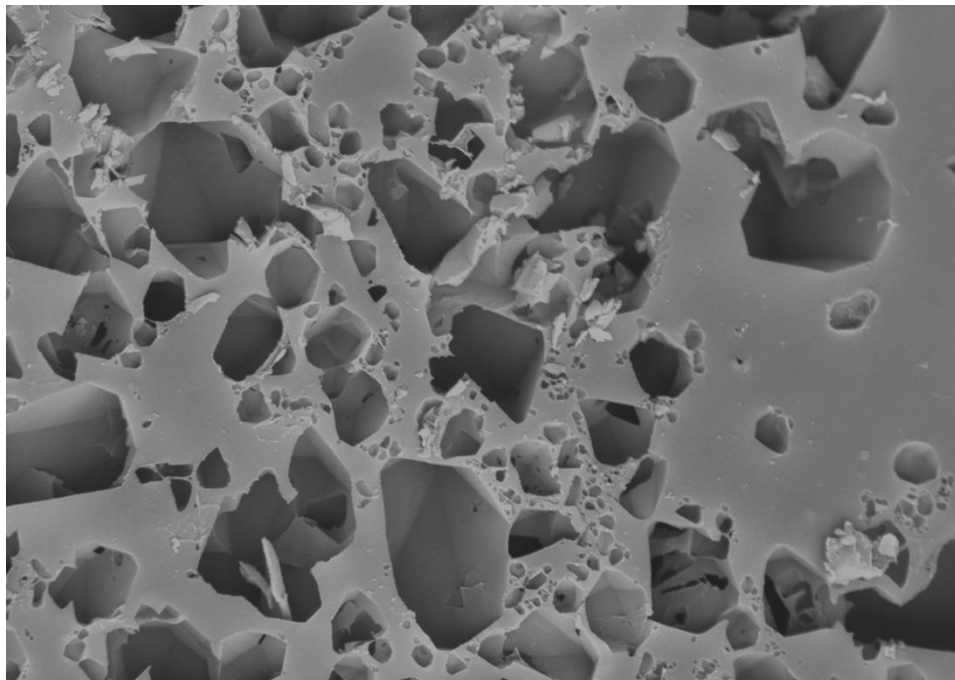


Clariant SU7000 5.00kV 6.5mm x5.00k UD+LD+MD 02/07/2025 10.0µm

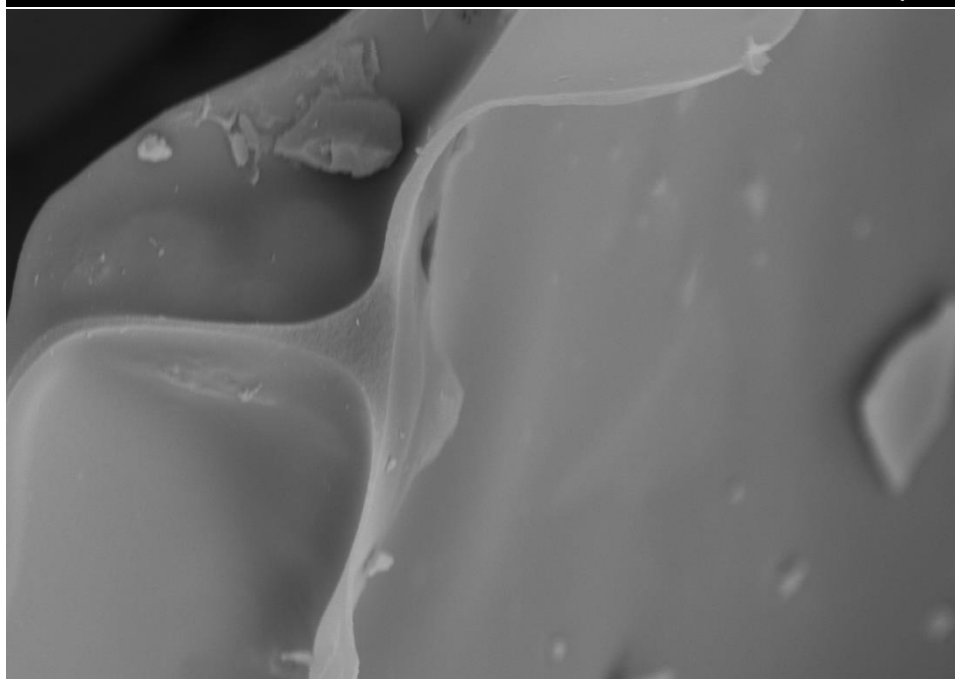
## SCANNING ELECTRON MICROSCOPE (SEM)

**Sample name:** MRa380 2/3 12% 3min 800C 3C/m 1h A 2x1.3P  
**Ordering customer:** Dr. Torsten Busch  
**Dept./Plant:** Curia Germany GmbH  
**Order number:** 25-049197-1

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



Clariant SU7000 5.00kV 6.4mm x10.0k UD+LD+MD 02/07/2025 5.00µm



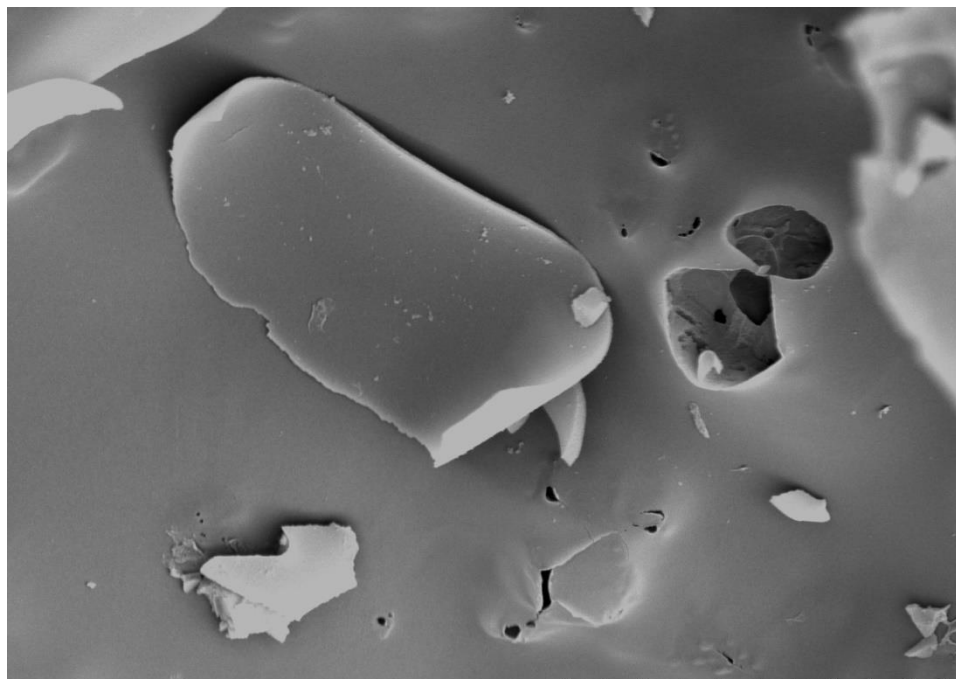
Clariant SU7000 5.00kV 6.5mm x10.0k UD+LD+MD 02/07/2025 5.00µm



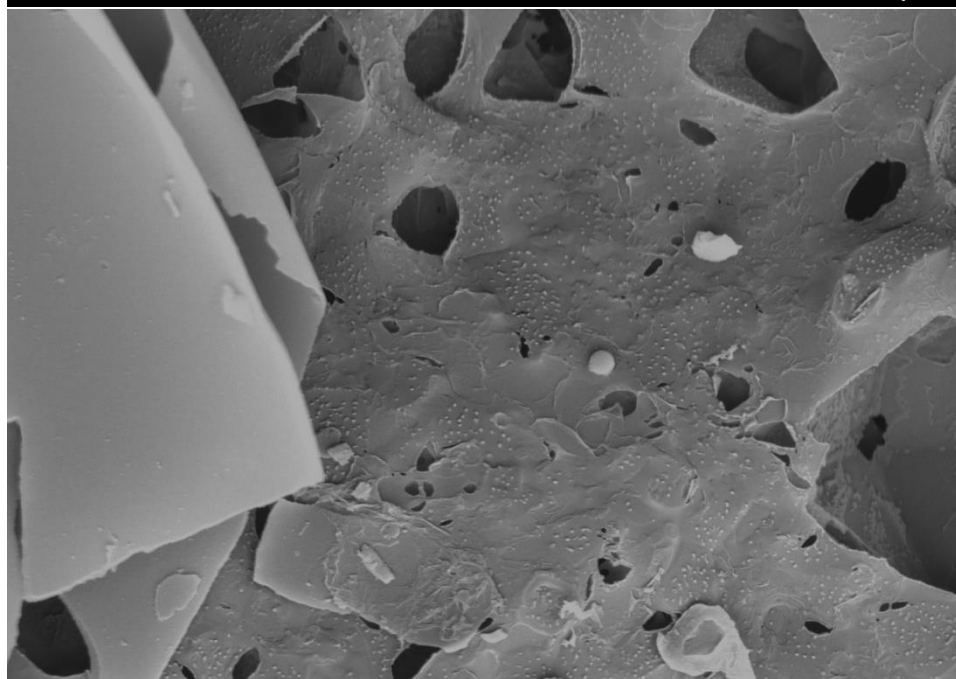
## SCANNING ELECTRON MICROSCOPE (SEM)

**Sample name:** MRa380 2/3 12% 3min 800C 3C/m 1h A 2x1.3P  
**Ordering customer:** Dr. Torsten Busch  
**Dept./Plant:** Curia Germany GmbH  
**Order number:** 25-049197-1

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



Clariant SU7000 5.00kV 6.4mm x10.0k UD+LD+MD 02/07/2025 5.00µm

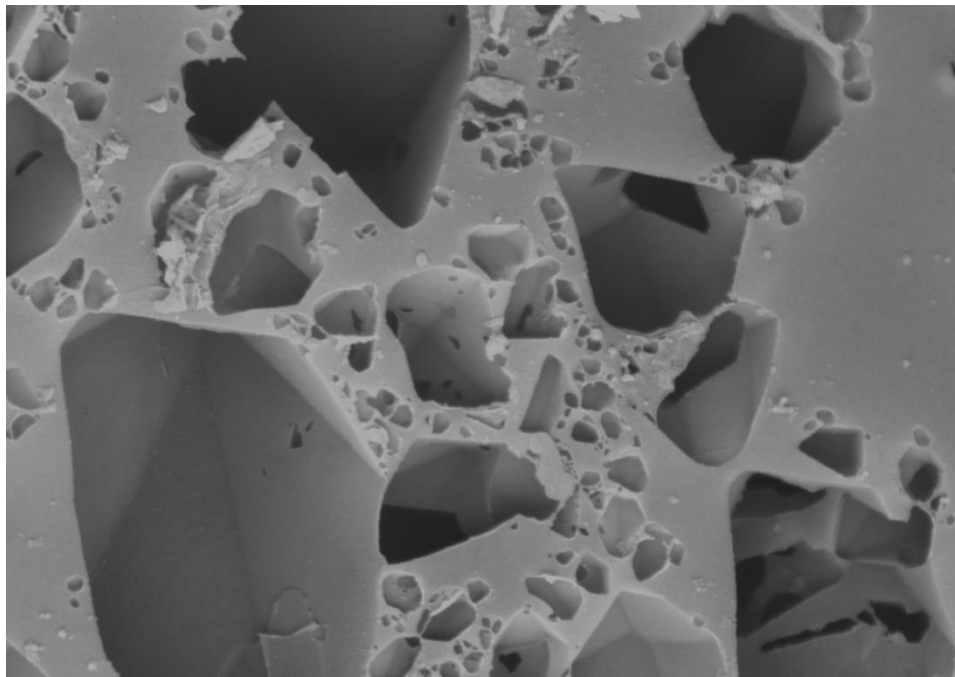


Clariant SU7000 5.00kV 6.5mm x10.0k UD+LD+MD 02/07/2025 5.00µm

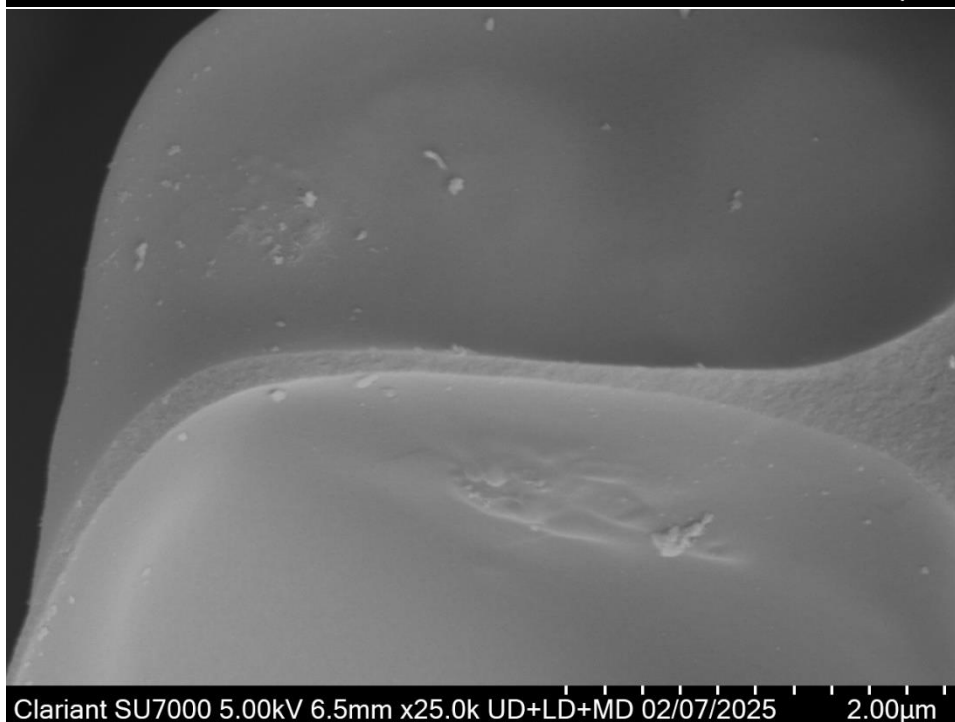
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**Sample name:** MRa380 2/3 12% 3min 800C 3C/m 1h A 2x1.3P  
**Ordering customer:** Dr. Torsten Busch  
**Dept./Plant:** Curia Germany GmbH  
**Order number:** 25-049197-1

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



Clariant SU7000 5.00kV 6.4mm x25.0k UD+LD+MD 02/07/2025 2.00µm

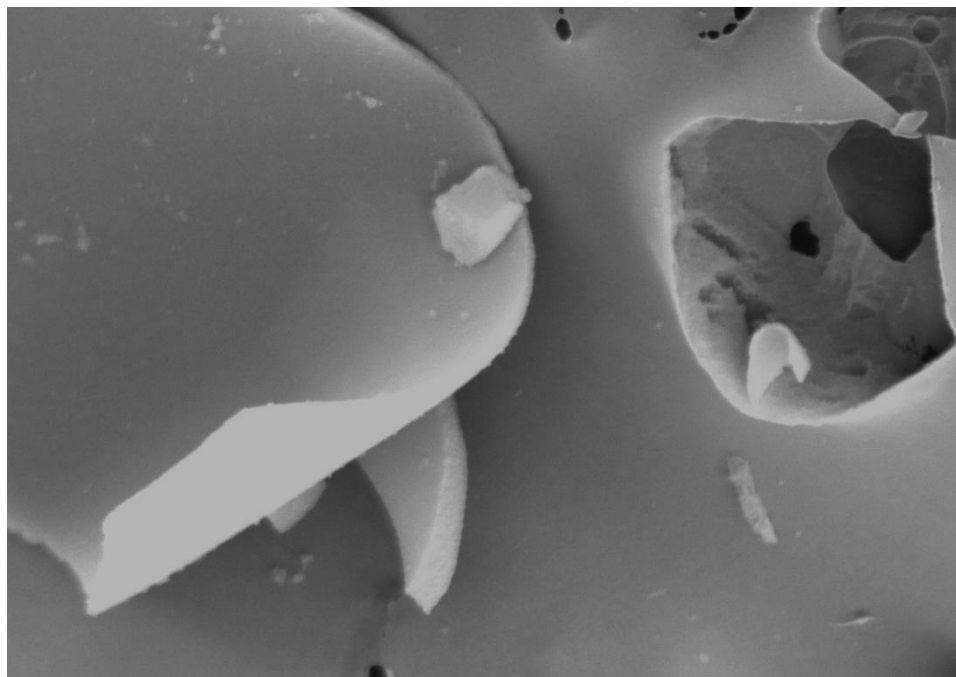


Clariant SU7000 5.00kV 6.5mm x25.0k UD+LD+MD 02/07/2025 2.00µm

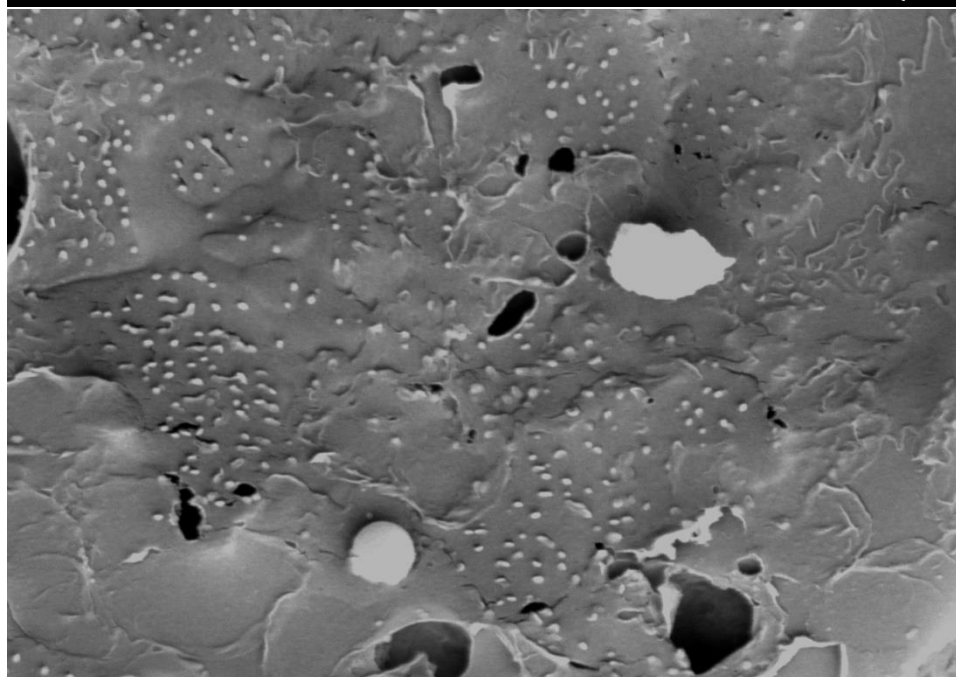
## SCANNING ELECTRON MICROSCOPE (SEM)

**Sample name:** MRa380 2/3 12% 3min 800C 3C/m 1h A 2x1.3P  
**Ordering customer:** Dr. Torsten Busch  
**Dept./Plant:** Curia Germany GmbH  
**Order number:** 25-049197-1

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



Clariant SU7000 5.00kV 6.4mm x25.0k UD+LD+MD 02/07/2025 2.00μm



Clariant SU7000 5.00kV 6.5mm x25.0k UD+LD+MD 02/07/2025 2.00μm