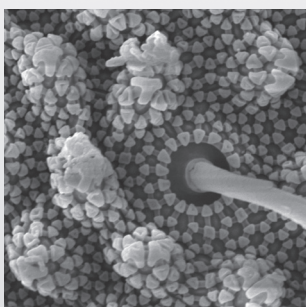


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Material  
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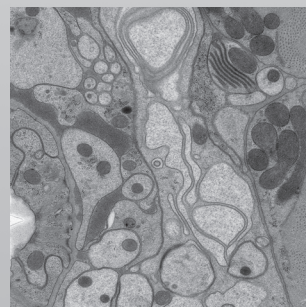
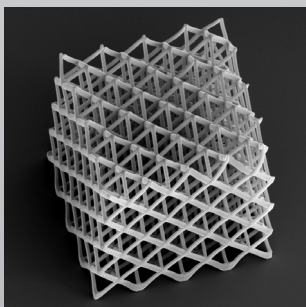
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## Application Note

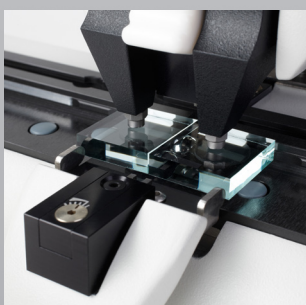
### Cross Section of SiC paper

related instrument Leica EM TIC020, Leica EM TIC3X

Medical  
Research



Industrial  
Manufacturing



Natural  
Resources



# Cross Section of SiC paper

Market: Paper industry, Metallographic industry

## GOAL

Cross section of SiC paper

## Process description (benchmark values for this particular sample):

Mechanical pre-preparation:

Parameter	
Acceleration voltage	7 kV
Gun current	2.6 mA
Milling time	3 h
Cut depth	200 µm

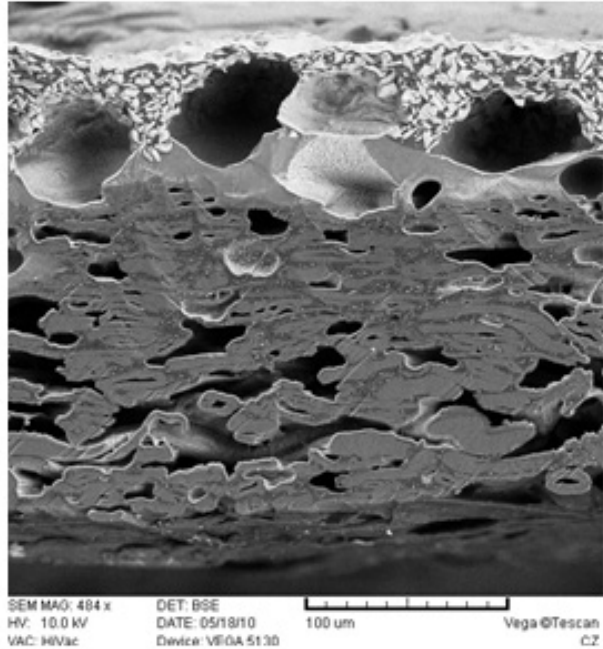
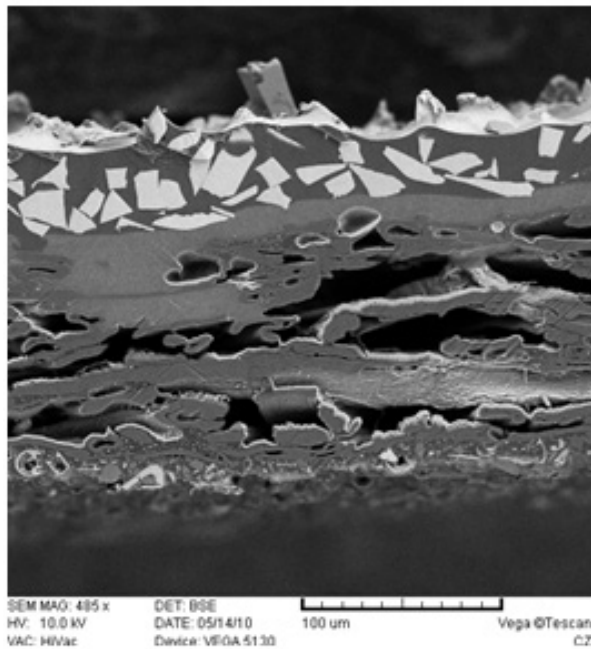
## RESULTS

Perfect cross section of the SiC paper.

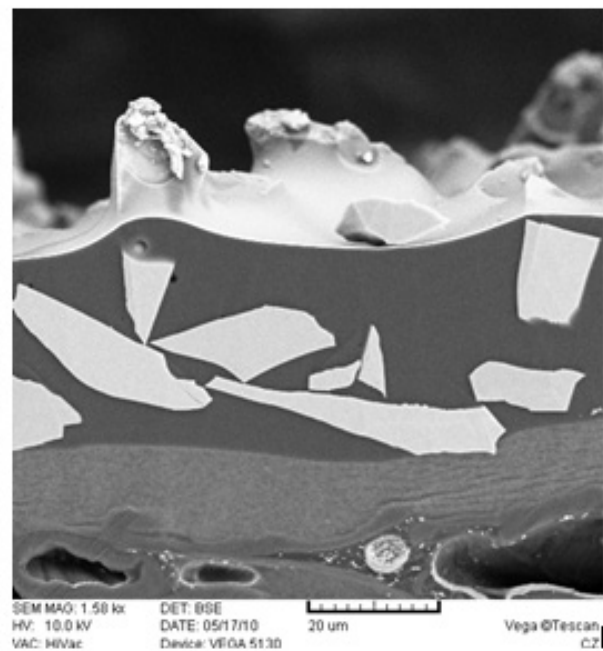
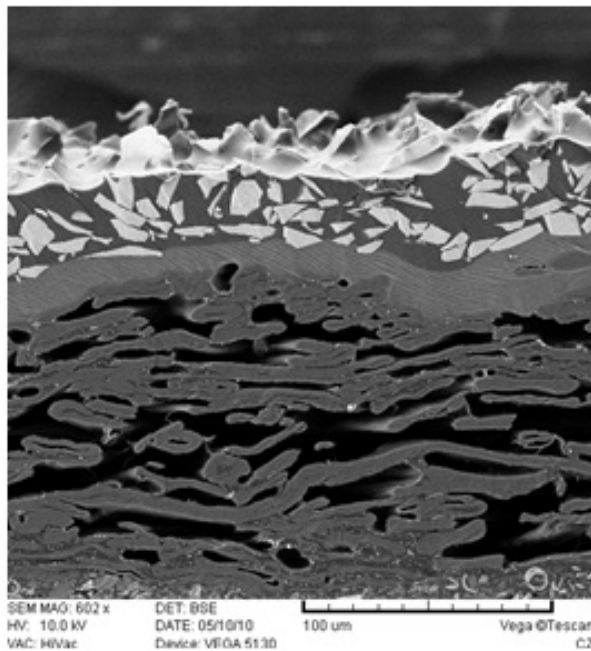
Information about the abrasive particles (size, shape, orientation and distribution).

Wolfgang Grünewald, Leica Microsystems

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Cross section of 800 grit (left) and 2400 grit (right) SiC paper



Cross section of 1200 grit SiC paper

## RELATED PRODUCTS



Leica EM TIC020



Leica EM TIC3X

The statement by Ernst Leitz in 1907, *"With the User, For the User,"* describes the fruitful collaboration with end users and driving force of innovation at Leica Microsystems. We have developed five brand values to live up to this tradition: Pioneering, High-end Quality, Team Spirit, Dedication to Science, and Continuous Improvement. For us, living up to these values means: **Living up to Life.**

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