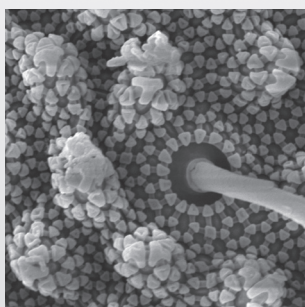
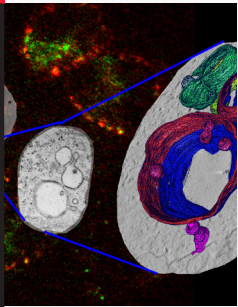


Living up to Life

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MICROSYSTEMS

Material
Research



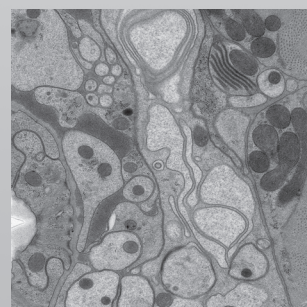
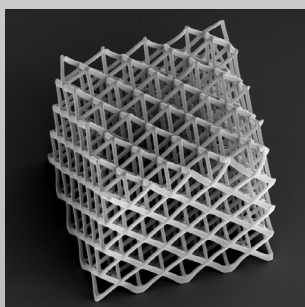
Life Science
Research

Application Note

Cross polishing - Resin

related instrument Leica EM TXP

Medical
Research



Industrial
Manufacturing



Natural
Resources



Cross polishing

Market: Materials research (University)

Material: Resin with silica particles

Robert Ranner, Leica Mikrosysteme GmbH, Vienna, Austria
(Robert.Ranner@leica-microsystems.com)

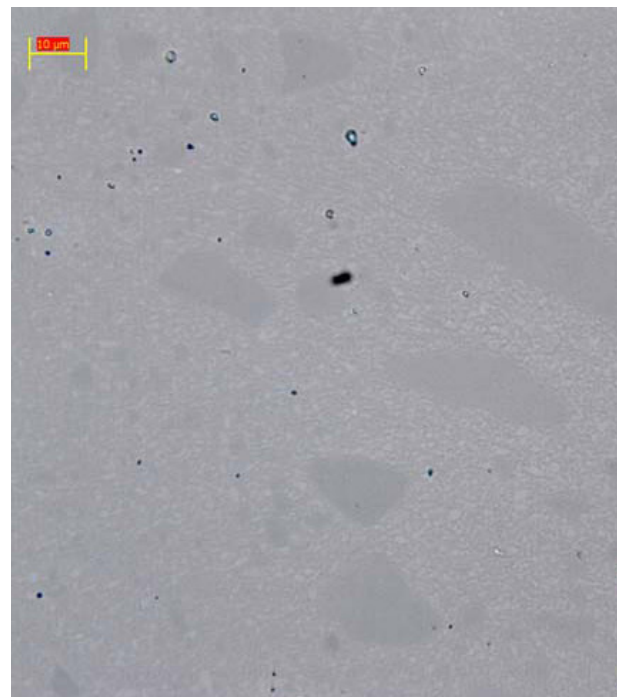
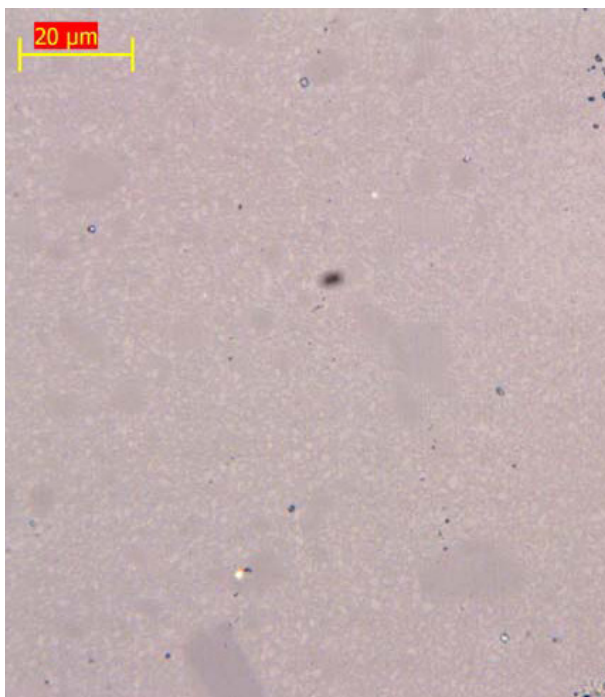
Complete process time:	30 min			
Process description:	(benchmark values for this particular sample)			
Sample embedded:	No	Holder: flat specimen holder (0-4mm)		
Tool inserts:	r.p.m.	F value	Pump	E-W speed
12mm diamond miller, final finish with 0.5µm advance	16000	-	8ml	manual
Diamond foils LA type: 3µ, 1µ and 0.5 for final finish	2100	8	8ml	0.35mm/s
Foil carrier: steel				



Sample in holder

To study the dispersion of the different components (silica particles, different sizes) in the matrix

RESULTS



RELATED PRODUCTS



Leica EM TXP

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