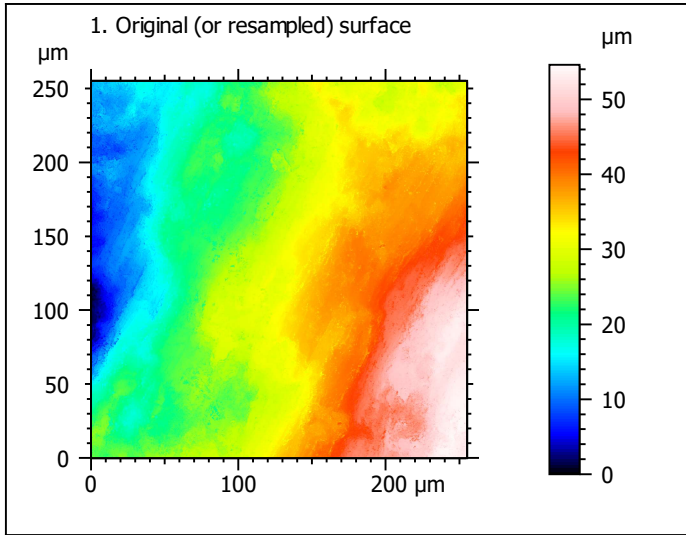


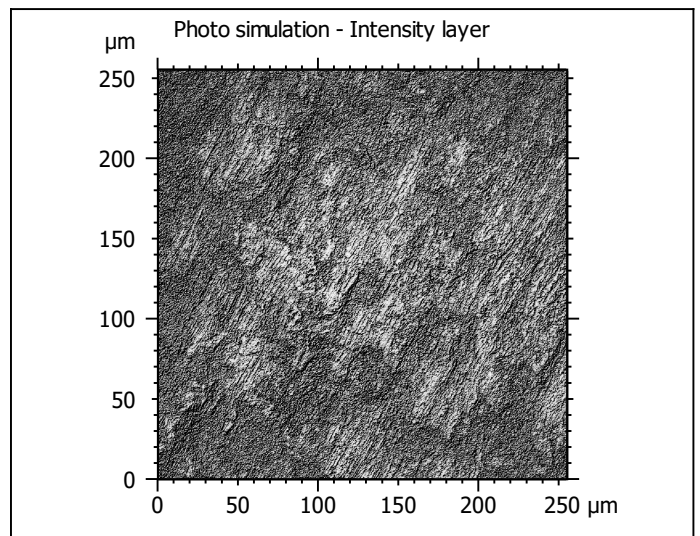
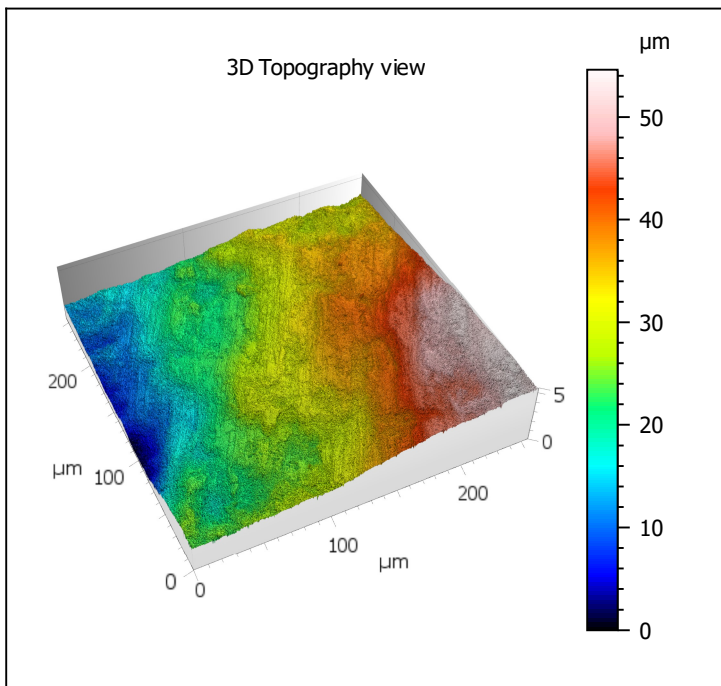
Template - Processing analysis

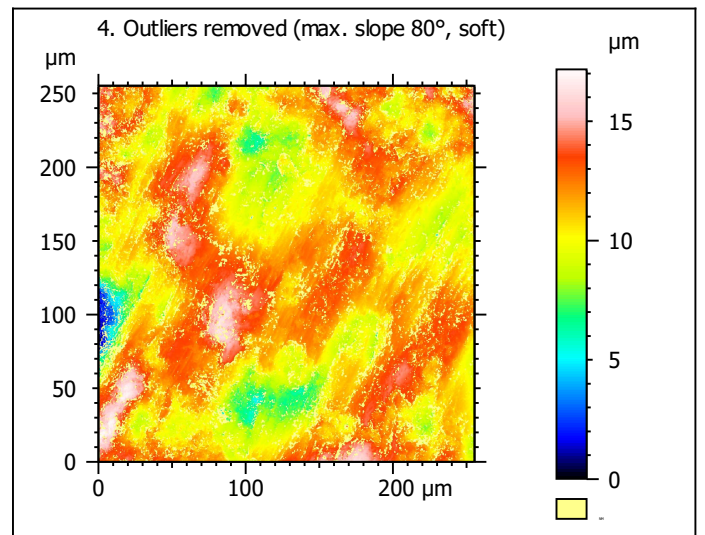
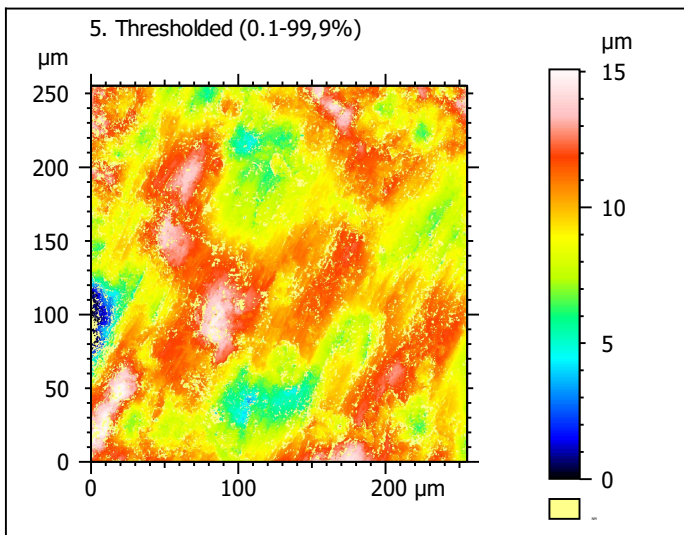
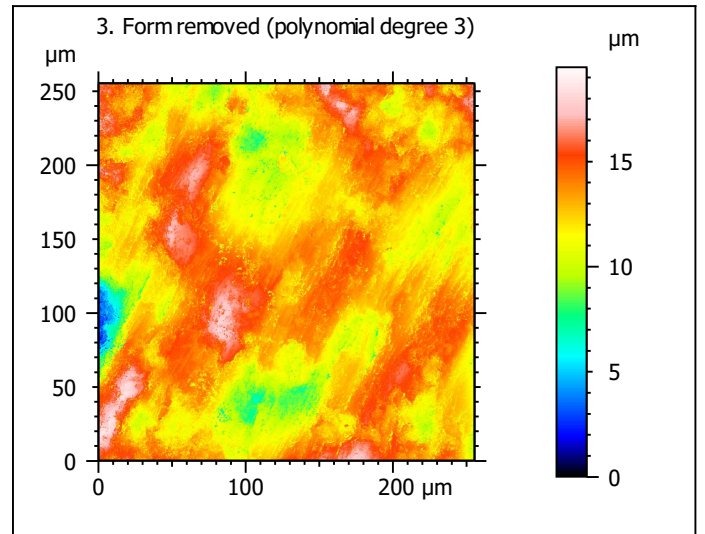
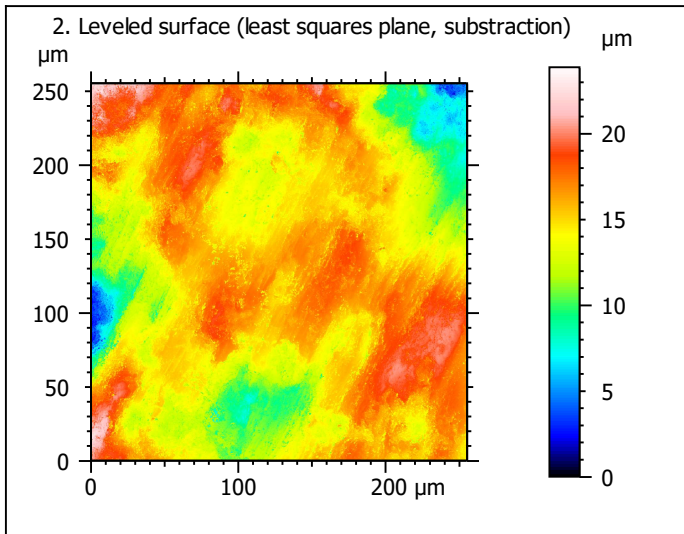
Template to process all surfaces acquired with the Zeiss LSM 800 with the 50x/0.75 objective.

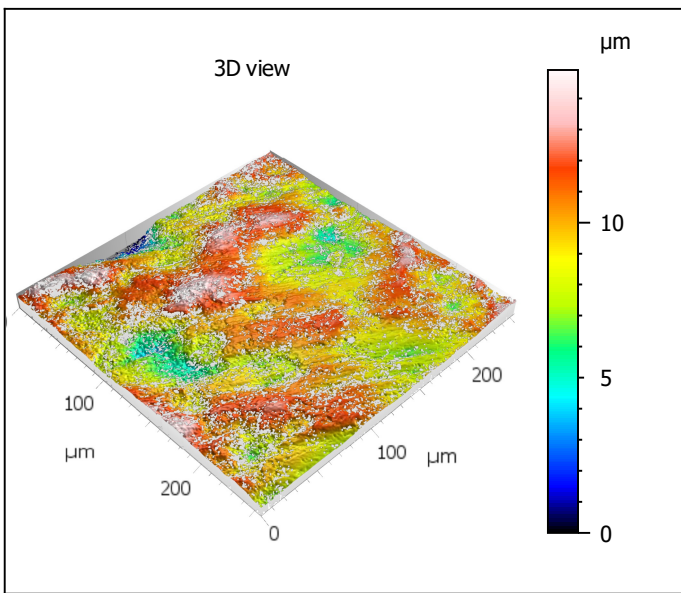
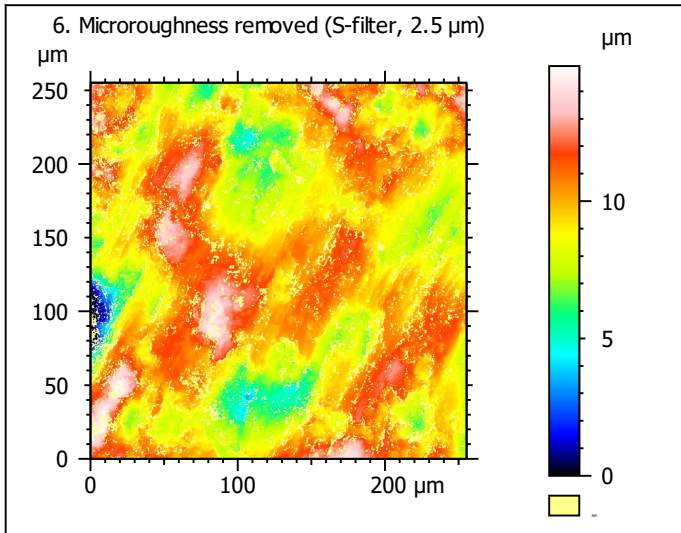
Processing



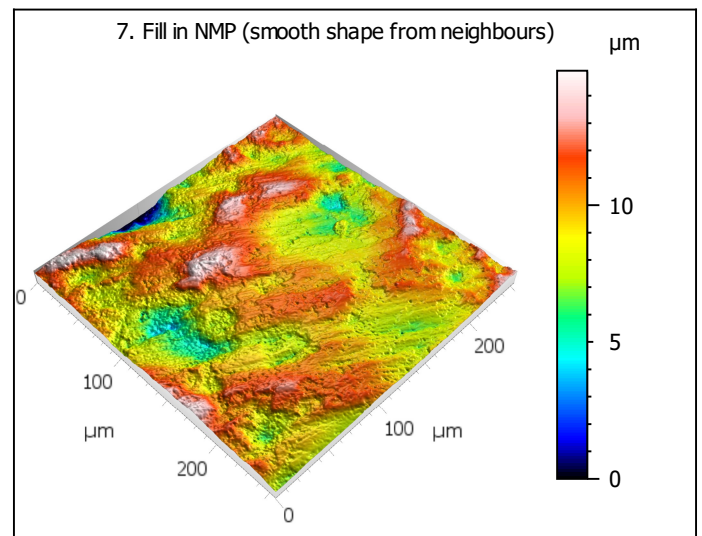
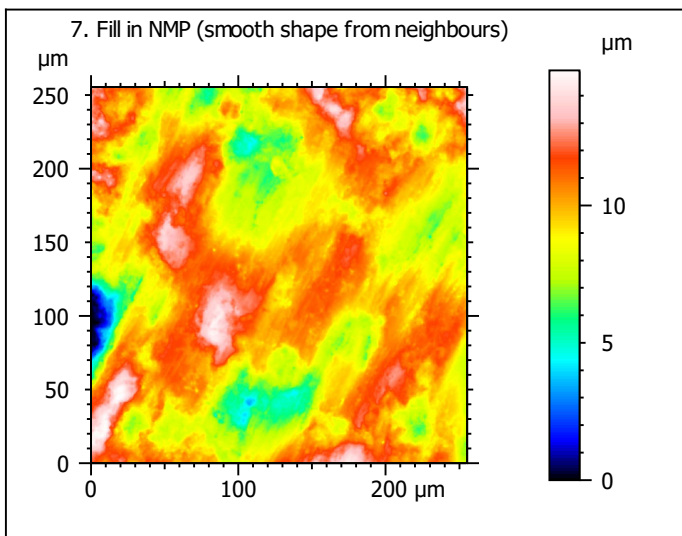
Identity card			
Name:	lime6-3_lsm_50x-0.75_20200915_surf2_Topo		
Created on:	9/15/2020 11:11:26 AM		
Studiabile type:	Surface		
Axis:	X		
Length:	255.3	µm	
Size:	1024	points	
Spacing:	0.2496	µm	
Axis:	Y		
Length:	255.3	µm	
Size:	1024	points	
Spacing:	0.2496	µm	
Axis:	Z		
Layer type:	Topography		
Length:	54.63	µm	
Size:	65532	digits	
Spacing:	0.8336	nm	
NM-points ratio:	0.000 % (0 Pts)		







Identity card			
Name:	lime6-3_lsm_50x-0.75...filtered (As 2.500 μm)		
File path:	D:\Dropbox\jmmarreir...0915_surf2_Topo.sur		
Created on:	9/15/2020 11:11:26 AM		
Studiabile type:	Surface		
Axis:	X		
Length:	255.3	μm	
Size:	1024	points	
Spacing:	0.2496	μm	
Offset:	0.000	μm	
Axis:	Y		
Length:	255.3	μm	
Size:	1024	points	
Spacing:	0.2496	μm	
Offset:	-255.3	μm	
Axis:	Z		
Layer type:	Topography		
Length:	14.92	μm	
Min:	-9.443	μm	
Max:	5.474	μm	
Size:	178946	digits	
Spacing:	0.08336	nm	
NM-points ratio:	24.35 % (255378 Pts)		

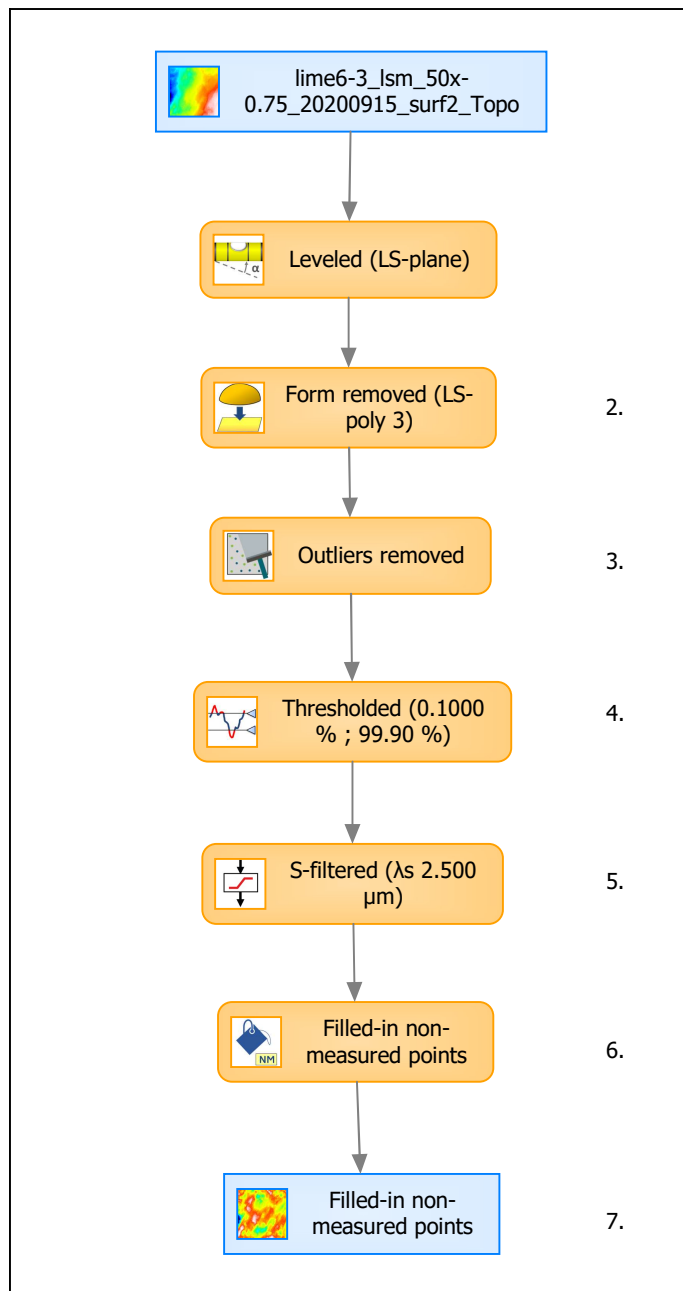


Identity card			
Name:	lime6-3_lsm_50x-0.75_...in non-measured points		
Created on:	9/15/2020 11:11:26 AM		
Studiable type:	Surface		
Axis:	X		
Length:	255.3	μm	
Size:	1024	points	
Spacing:	0.2496	μm	
Axis:	Y		
Length:	255.3	μm	
Size:	1024	points	
Spacing:	0.2496	μm	
Axis:	Z		
Layer type:	Topography		
Length:	14.92	μm	
Size:	178946	digits	
Spacing:	0.08336	nm	
NM-points ratio:	0.000 % (0 Pts)		

Analyses

8. ISO 25178-2 parameters on surface #7

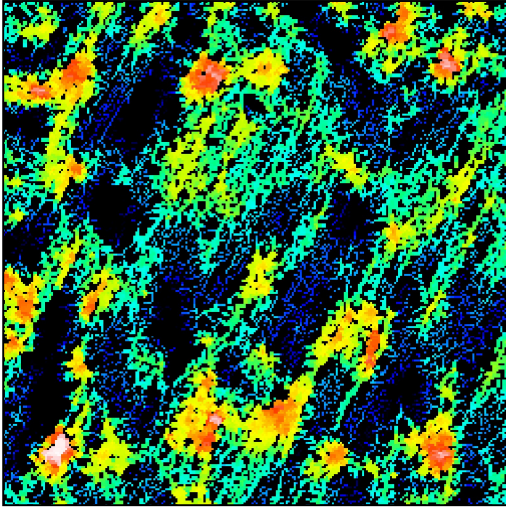
ISO 25178 - Primary surface			
<i>F: [Workflow] Form removed (LS-poly 3)</i>			
<i>S-filter (λs): [Workflow] S-filtered (λs 2.500 μm)</i>			
Height parameters			
Sq	1.942	μm	
Ssk	-0.5512		
Sku	4.671		
Sp	5.376	μm	
Sv	9.540	μm	
Sz	14.92	μm	
Sa	1.510	μm	
Functional parameters			
Smr	0.8498	%	
Smc	2.264	μm	
Sxp	4.016	μm	
Spatial parameters			
Sal	24.39	μm	
Str	0.5603		
Std	64.75	°	
Hybrid parameters			
Sdq	0.3606		
Sdr	5.875	%	
Functional parameters (Volume)			
Vm	0.09096	μm ³ /μm ²	
Vv	2.355	μm ³ /μm ²	
Vmp	0.09096	μm ³ /μm ²	
Vmc	1.668	μm ³ /μm ²	
Vvc	2.109	μm ³ /μm ²	
Vvv	0.2464	μm ³ /μm ²	



Analyses:

ISO 25178	8.
Furrow	9.
Texture direction	10.
Texture isotropy	11.
SSFA	12.

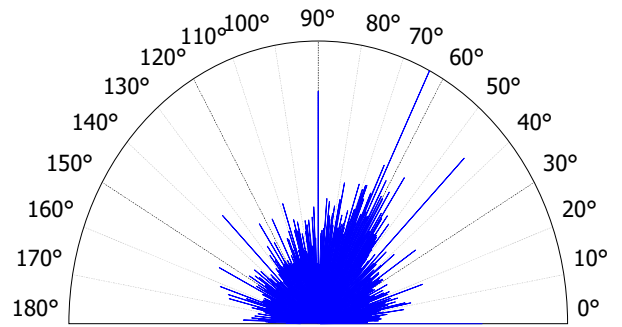
9. Furrow analysis on surface #7



All furrows are shown.

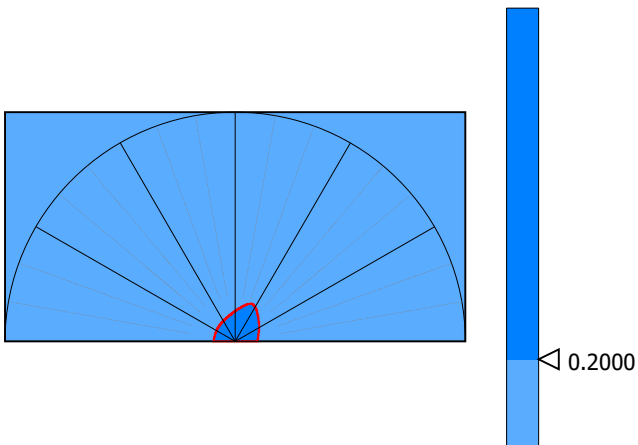
Parameters	Value	Unit
Maximum depth of furrows	5.426	µm
Mean depth of furrows	1.815	µm
Mean density of furrows	2516	cm/cm2

10. Texture direction on surface #7



Parameters	Value	Unit
First direction	63.52	°
Second direction	45.01	°
Third direction	90.01	°

11. Texture isotropy on surface #7



Parameters	Value	Unit
Texture isotropy	52.22	%

12. SSFA on surface #7

