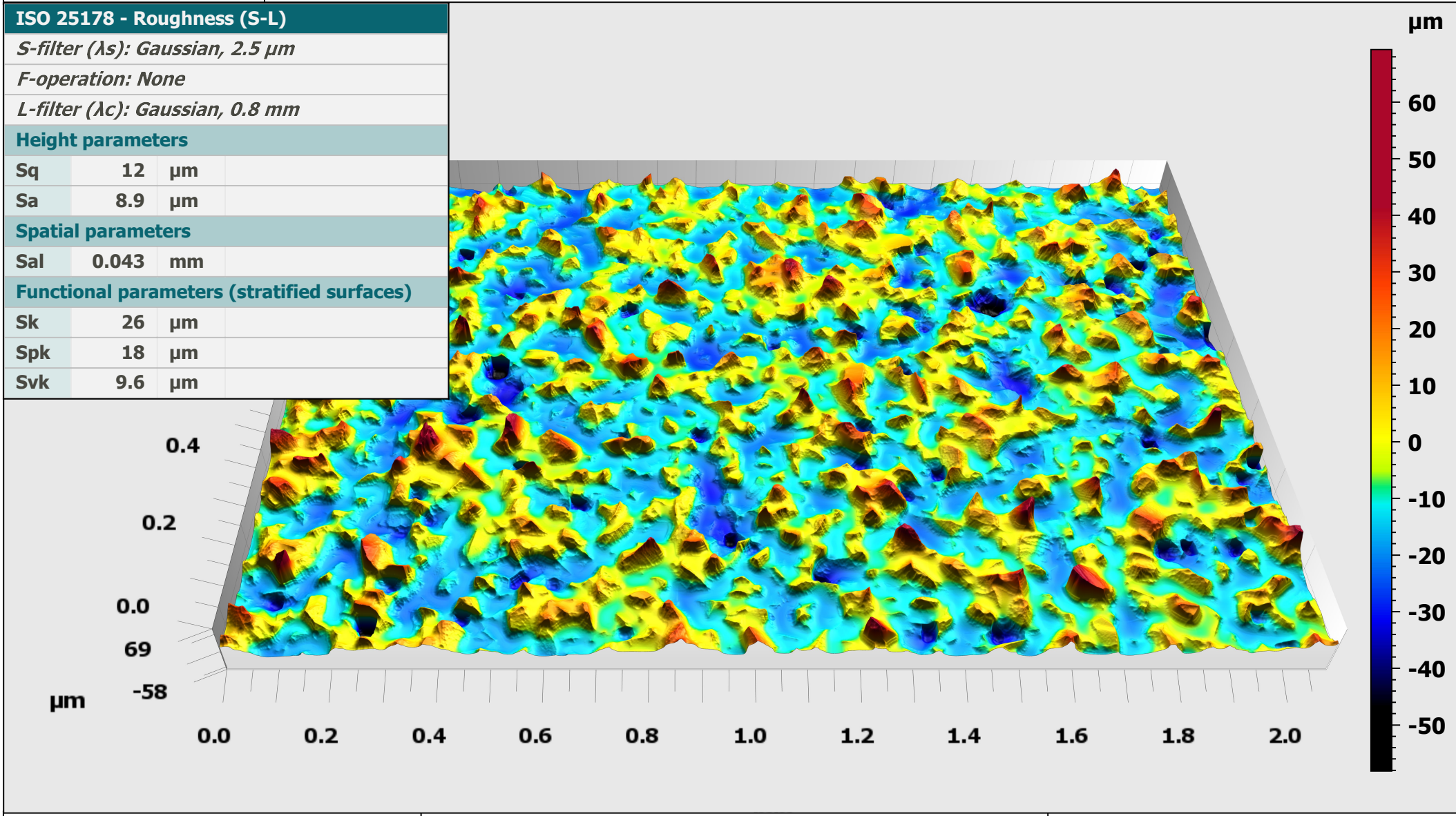
smartWLI

sand paper

ISO 25178 - Roughness (S-L)		
S-filter (λs): Gaussian, 2.5 µm		
F-operation: None		
L-filter (λc): Gaussian, 0.8 mm		
Height parameters		
Sq	12	µm
Sa	8.9	µm
Spatial parameters		
Sal	0.043	mm
Functional parameters (stratified surfaces)		
Sk	26	µm
Spk	18	µm
Svk	9.6	µm



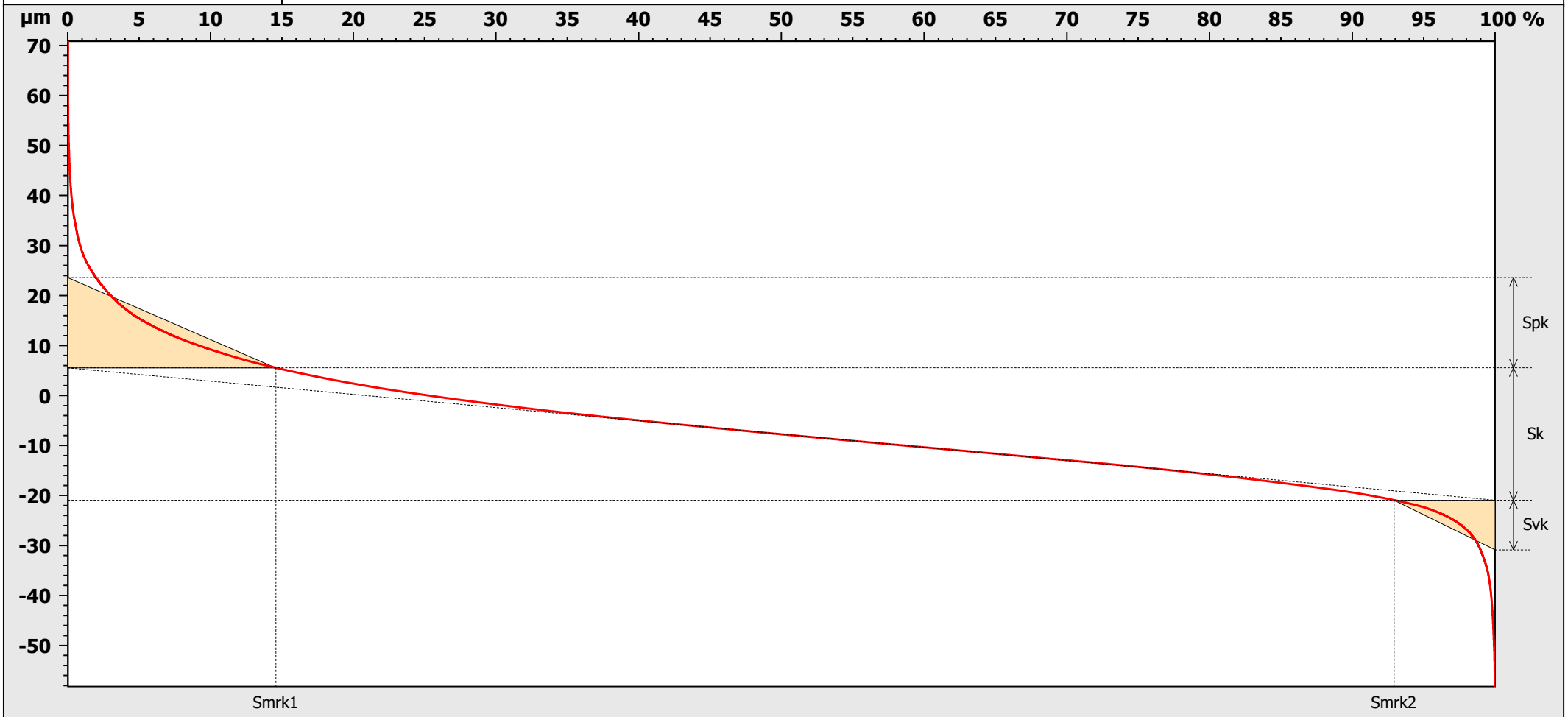
gbs Gesellschaft für Bild- und Signalverarbeitung mbH

For demonstration purposes only!

Robert-Bosch-Ring 8, 98693 Ilmenau
Tel.: +49 (0) 3677-83710 - 50
Fax: +49 (0) 3677-83710 - 52
www.gbs-ilmenau.de, info@gbs-ilmenau.de

smartWLI

functional surface analysis



Parameters	Value	Unit
Sk	26	µm
Spk	18	µm
Svk	9.9	µm

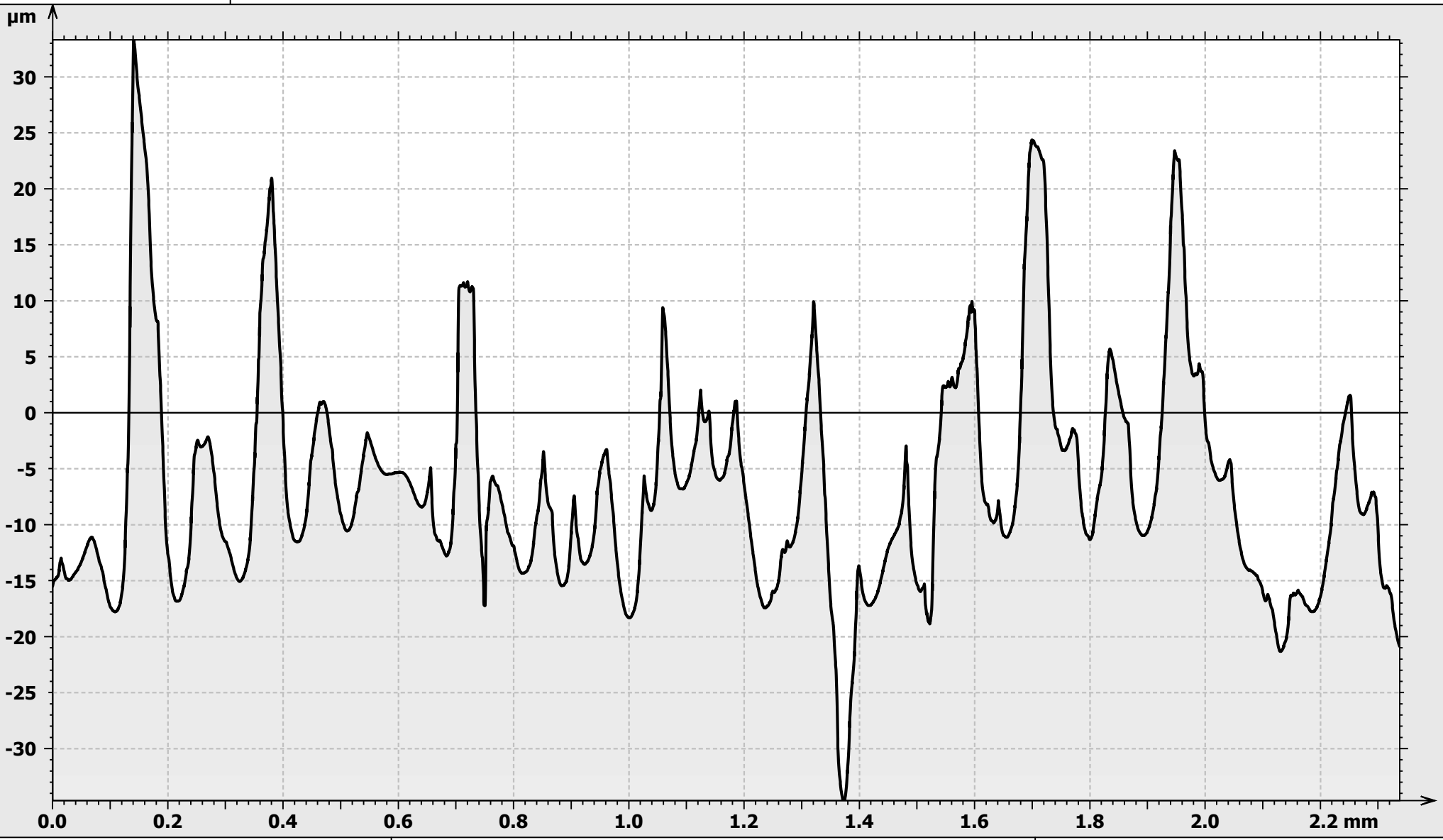
gbs Gesellschaft für Bild- und Signalverarbeitung mbH

Robert-Bosch-Ring 8, 98693 Ilmenau
Tel.: +49 (0) 3677-83710 - 50
Fax: +49 (0) 3677-83710 - 52
www.gbs-ilmenau.de, info@gbs-ilmenau.de

For demonstration purposes only!

smartWLI

profile



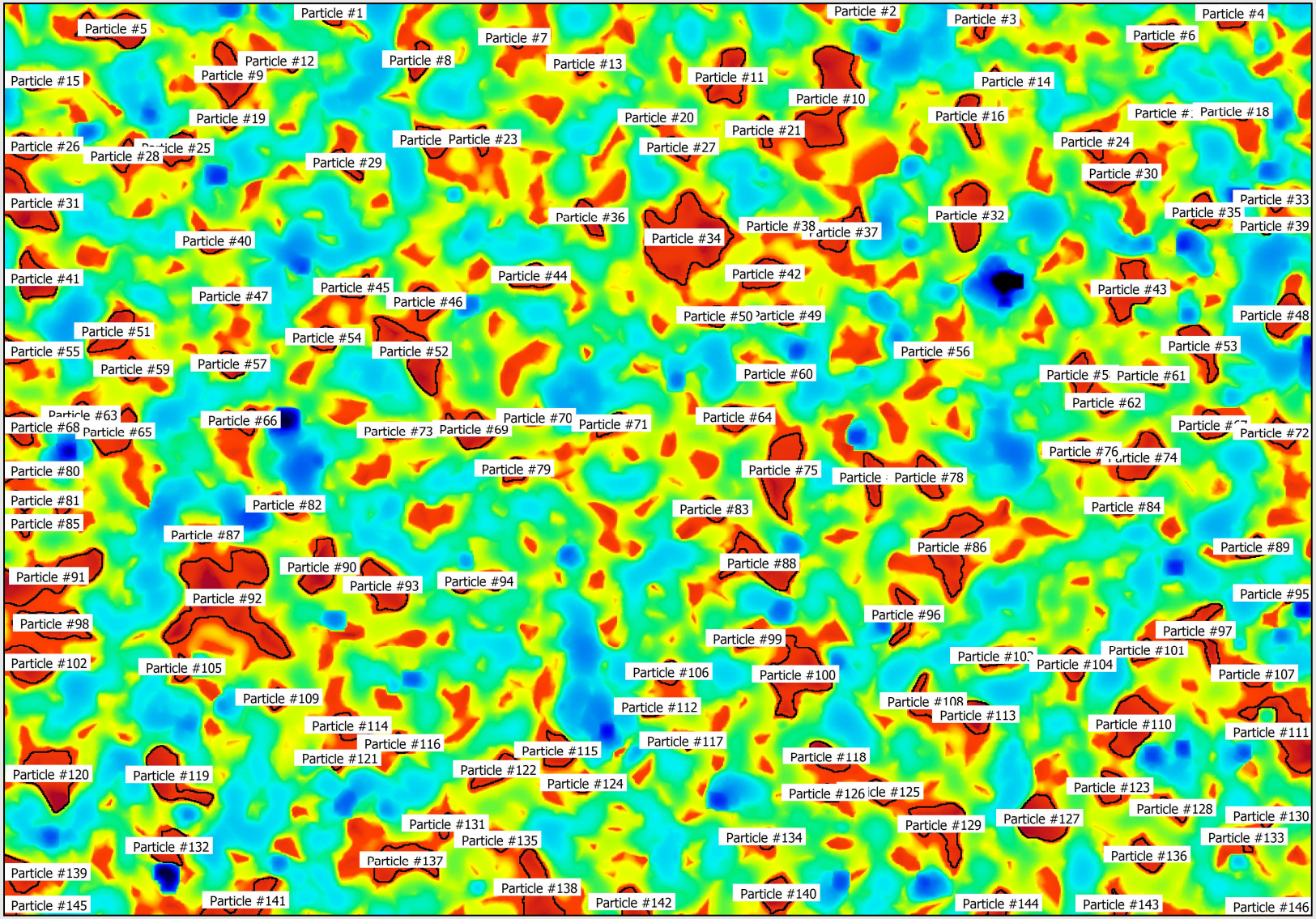
gbs Gesellschaft für Bild- und Signalverarbeitung mbH

For demonstration purposes only!

Robert-Bosch-Ring 8, 98693 Ilmenau
Tel.: +49 (0) 3677-83710 - 50
Fax: +49 (0) 3677-83710 - 52
www.gbs-ilmenau.de, info@gbs-ilmenau.de

smartWLI

particle classification



Individual results

Parameters	Z-maxim...
Unit	µm
Particle #1	34
Particle #2	23
Particle #3	13
Particle #4	43
Particle #5	28
Particle #6	33
Particle #7	22
Particle #8	39
Particle #9	37
Particle #10	41
Particle #11	34
Particle #12	21
Particle #13	16
Particle #14	35
Particle #15	28
Particle #16	29
Particle #17	14
Particle #18	18
Particle #19	36
Particle #20	17
Particle #21	21
Particle #22	27
Particle #23	17
Particle #24	24
Particle #25	40

Global statistics

Mean	30

gbs Gesellschaft für Bild- und Signalverarbeitung mbH

Robert-Bosch-Ring 8, 98693 Ilmenau
Tel.: +49 (0) 3677-83710 - 50
Fax: +49 (0) 3677-83710 - 52
www.gbs-ilmenau.de, info@gbs-ilmenau.de

For demonstration purposes only!