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Test report 191/24

Ha

29/11/2024

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Customer:

Ms Oda Nimmer

Assignment from:

04/07/2024

Received:

08/07/2024

#### Assignment:

No.	Test	Standard Test conditions
		In-house method
1.	Thermohaptics	Number of measurments: 10
		Procedure by subcontractor

#### Samples:

Coding for test	Identification by customer	
Sample 1	Article 2602	

Sampling:

The samples were taken by the customer.

Realisation

of the test:

The measurement samples were taken and tested in compliance with the

above-mentioned regulations.

Testing period:

09/08/2024 - 26/11/2024

Amtsgericht Greiz VR 206 Gerichtsstand Greiz Ust-Id-Nr.: DE151887921 Steuer-Nr.: 161/142/21434

Geschäftsführender Direktor: Dr. Fabian Schreiber

Deutsche Kreditbank AG (DKB) BIC: BYLADEM1001 IBAN: DE88 1203 0000 1005 3644 58

Sparkasse Gera-Greiz BIC: HELADEF1GER IBAN: DE70 8305 0000 0000 6081 81

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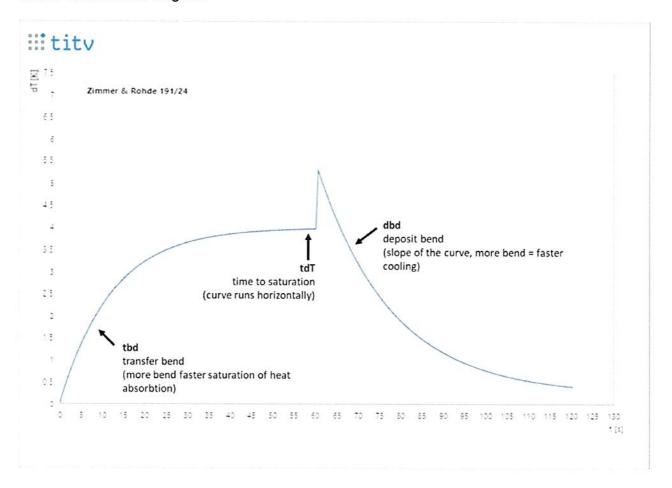
Mitglied der



# Test results:

### **Thermohaptics**

## Values shown in the diagram:



101/24	tdT in sec	tbd	dbd
x	3,43	0,210	0,120
X <sub>max</sub>	4,19	0,245	0,140
X <sub>min</sub>	3,71	0,173	0,107

191/24	tdT in sec	tbd	dbd
x	3,97	0,083	0,057
X <sub>max</sub>	4,19	0,086	0,061
X <sub>min</sub>	3,71	0,078	0,052

### Summary and interpretation

	101/24	191/24
Time to saturation	approx. 23 sec	approx. 60 sec
Surface temperature at saturation tdT ( $\Delta$ T)	3,43 K	3,97 K
Time until cooling down	60 sec	120 sec

The time to saturation is significantly higher for the current sample. This means that compared to the sample from order 101/24, the current sample shows significantly slower heat absorption.

The change in surface temperature is also higher. The current sample can absorb more heat. The storage capacity is therefore higher.

It also shows a lower conductivity. The steepness of the cooling curve is an indicator for this. The longer a sample takes to cool down, the slower the heat input is released.

Enclosed you will find the diagrams of the two samples.

The testing results are exclusively related to the sample under conditions as received.

Without written permission of the testing laboratory it is inhibited to copy this report partially.

Dr Klobes

Head of the Testing Centre

Enclosure: 2 diagrams