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Test report 191/24 Ha 29/11/2024

Customer: Ms Oda Nimmer
Assignment from: 04/07/2024
Received: 08/07/2024

Assignment:

No.	**Test**	**Standard** **Test conditions**
1.	Thermohaptics	**In-house method** 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.

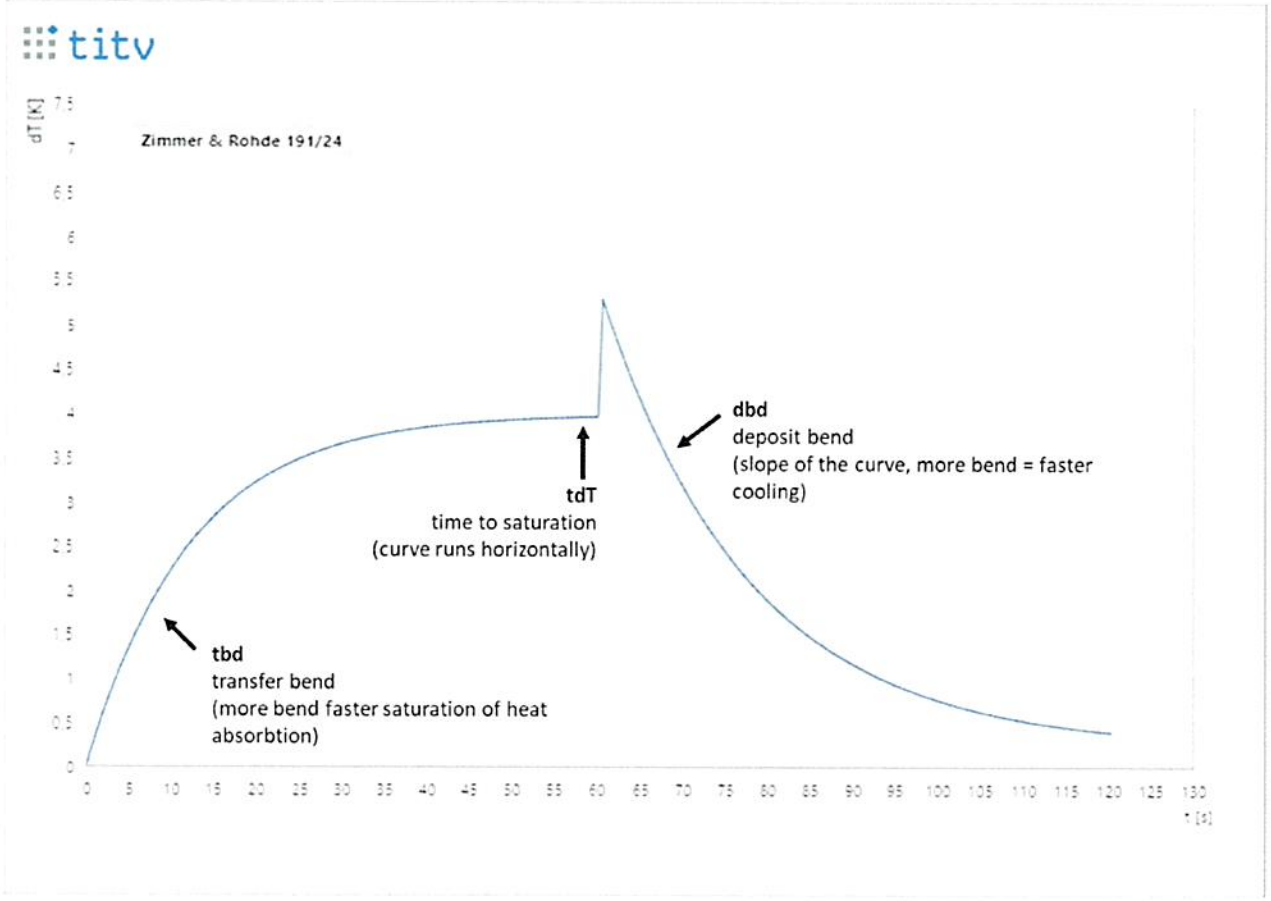
Realisation of the test: The measurement samples were taken and tested in compliance with the above-mentioned regulations.

Testing period: 09/08/2024 - 26/11/2024

Test results:

Thermohaptics

Values shown in the diagram:



101/24	tdT in sec	tbd	dbd
$\bar{x}$	**3,43**	**0,210**	**0,120**
x_{max}	4,19	0,245	0,140
x_{min}	3,71	0,173	0,107

191/24	tdT in sec	tbd	dbd
$\bar{x}$	**3,97**	**0,083**	**0,057**
x_{max}	4,19	0,086	0,061
x_{min}	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 (ΔT)	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.

Dr Klobes
Head of the Testing Centre

Enclosure: 2 diagrams