



# Fraunhofer

## TESTED<sup>®</sup> DEVICE

Bürositzmöbelfabrik F.-W. Dauphin  
IS2087ESD ST 044033  
**Report No. DA 1905-1117**

Single product  
**Electrical  
Resistance**

### Qualification Certificate

This is to certify that the product mentioned above, provided by

**Bürositzmöbelfabrik F.-W. Dauphin**  
Offenhausen, Germany

has been awarded a Fraunhofer certificate TESTED DEVICE  
bearing the report number DA 1905-1117.

The chair IS2087ESD ST 044033 was tested according to DIN EN  
61340-2-3 for resistance to groundable point ( $R_{gp}$ ).

The measurement result lies below the required limit value of  
 $1 \times 10^9 \Omega$  according to DIN EN 61340-5-1 for ESD protection  
elements.

Measuring point	Operating voltage [V]	Average value resistance to groundable point ( $R_{gp}$ ) [ $\Omega$ ]	Compliance with limit value as per DIN EN 61340-5-1
Backrest	10	$2.1 \times 10^5$	<b>fulfilled*</b>
Seat p. 1	100	$2.4 \times 10^6$	<b>fulfilled*</b>
Seat p. 2	100	$2.4 \times 10^6$	<b>fulfilled*</b>
Seat p. 3	100	$2.5 \times 10^6$	<b>fulfilled*</b>

\*In situations where it is important to consider whether the Charged Device Model (CDM) could cause damage, the lower limit value for ESD protective components should be above  $> 10^4 \Omega$ .

DA 1905-1117  
Report No. first document

Stuttgart, July 6, 2019  
Place, date of first document issued

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Report No. current document

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Place, current date

on behalf of   
Dr.-Ing. Udo Gommel, Project Manager Fraunhofer IPA

This document only applies to the named product in its original state and is valid for a period of 5 years from the date the first document was issued. The document can be verified under [www.tested-device.com](http://www.tested-device.com).

Detailed information and parameters of the test environment can be found in the Fraunhofer IPA test report.