



Fraunhofer

TESTED[®]
DEVICE

Bimos - Interstuhl
TEXON 9173R-4000-20026842
Report No. IN 2510-1676

DUPLICATE

Statement of
Qualification

Single product
Electrical
Resistance

Customer	Interstuhl Büromöbel GmbH & Co. KG Brühlstrasse 21 72469 Meßstetten-Tieringen Germany
Tested product	
Category:	Working Place and Operator
Subcategory:	Chairs
Product name:	TEXON 9173R - 4000 - 20026842 (manufacturing date: 5/15/2025; color: black and gray; article number: 20026842; serial number: 9173R)

Electrical resistance measurements at representative points (resistance to groundable point (R_{gp}))

Standards/guidelines:	IEC 61340-2-3, -5-1 The norms stated generally refer to the version valid at the time of the tests.
Test equipment:	<ul style="list-style-type: none">• Data acquisition::<ul style="list-style-type: none">– Type: Metriso 3000– Manufacturer: Wolfgang Warmbier GmbH & Co. KG• Measuring probes:<ul style="list-style-type: none">– Type: Model 850, ME 2.5 kg, Ø 63.5 mm, IEC 61340-2-3, -4-1– Manufacturer: Wolfgang Warmbier GmbH & Co. KG– Type: Backrest electrode Model 900– Manufacturer: Wolfgang Warmbier GmbH & Co. KG• Counter electrode:<ul style="list-style-type: none">– Material: 2 stainless steel plates– Size: 500 mm x 500 mm (± 2 mm)– Thickness: 1.2 mm (± 0.1 mm)
Test environment parameters:	<ul style="list-style-type: none">• Cleanroom Air Cleanliness Class (according to ISO 14644-1):..... ISO 1• Airflow velocity:..... 0.45 m/s• Airflow pattern:..... vertical laminar flow• Temperature: 22 °C ± 0.5 °C• Relative humidity: 45 % ± 5 %
Test procedure parameters:	<ul style="list-style-type: none">• Installation condition: insulating bearing<ul style="list-style-type: none">– Type: flat PTFE plate with R > 10¹⁴ Ω– Size: 1210 mm x 1200 mm (± 5 mm)– Thickness: 5 mm (± 1 mm)

Test result / Classification	The chair TEXON 9173R - 4000 - 20026842 was tested for resistance to groundable point (R _{gp}) in accordance with IEC 61340-5-1 and IEC 61340-2-3. The measurement result is below the required limit value of 1 x 10 ⁹ Ω according to IEC 61340-5-1 for ESD protective elements.
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Measuring points	Test voltage [V]	Average resistance to groundable point (R _{gp}) [Ω]	Compliance with the limit values according to IEC 61340-5-1
Backrest	100	3.2 x 10 ⁷	fulfilled
Seat surface P.1	100	4.0 x 10 ⁶	fulfilled
Seat surface P.2	100	4.2 x 10 ⁶	fulfilled
Seat surface P.3	100	4.5 x 10 ⁶	fulfilled

The measuring devices used for the qualification tests are calibrated at regular intervals; their results can be traced back to national and international standards. In cases where no national standards exist, the test procedure implemented complies with the technical regulations and norms applicable at the time of the test. The relevant documentation can be viewed on request at any time.

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

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Business unit Testing and Certification	-- Report No. current document	-- Place, current date
Nobelstrasse 12 70569 Stuttgart Germany	on behalf of Dr.-Ing. Frank Bürger, head of business unit Testing and Certification	