

wehlers[®] test result
R.U.M.



Wehlers Test Result

Tested to comply:

L1: GENERAL USE

Furniture - Seating - Test methods for the determination of strength and durability

PN-EN 16139 :2013-07E standard

Furniture - Strength, durability and safety - Requirements for non-domestic seating

PN-EN1728 standard

Furniture - Seating - Test methods for the determination of strength and durability

Result: Passed

Starting Date: 27/08/2021

Ending Date: 31/08/2021

Place: POZNAN, Poland



A handwritten signature in black ink, appearing to be 'Hw'.

Henrik Wehlers
Owner

A handwritten signature in black ink, appearing to be 'Jagoda'.

Jagoda Powchowich
Test engineering - Customer Service

No.	Test	Reference	Test Parameters	Result
1.	Fatigue test of the seat (structural strength) - seat	Norm	100,000 cycles - Vertical force of 1000N	Passed
2.	Fatigue test of backrest (structural strength) - backrest	Norm	- Horizontal force of 300N 100 000 cycles	Passed
3.	Leg fatigue test (structural strength)	Visual Inspection	100,000 cycles - Vertical force of 1000N	Passed
4.	Fatigue test of legs connection (gluing, welding, screw connection)	Visual Inspection	100,000 cycles - Vertical force of 1000N - Horizontal force of 300N	Passed
5.	Fatigue test of armrest	Norm	100 000 cycles - Vertical force of 300N	N/A
6.	Foam deformation (pushmarks, depressions) - seat	Visual Inspection	100,000 cycles - Vertical force of 1000N	N/A
7.	Foam deformation (pushmarks, depressions) - backrest	Visual Inspection	Horizontal force of 300N 100 000 cycles	N/A
8.	Glue attachment - foam to the shell	Visual Inspection	100,000 cycles - Vertical force of 1000N - Horizontal force of 300N	N/A
9.	Glue attachment - fabric / leather to the foam	Visual Inspection	100,000 cycles - Vertical force of 1300N - Horizontal force of 300N	N/A
10.	Wheels/Gliders durability test	Visual Inspection	100,000cycles - Vertical force of 1000N	N/A
11.	Other issues (clicking, wobbling, knocking,)	Visual Inspection	100,000 cycles - Vertical force of 1000N - Horizontal force of 300N	Passed

Textile Tests

Customer: Paustian
Reference: Aarhus Universitet

COLOUR SCALE

Cura is available in 36 colours.



LABELLING



See :
www.gabriel.dk/en/fabrics/textile/Cura/

CURA SPECIFICATIONS

Design no.	2480	
Application	contract soft seating	
Composition	98% post-consumer recycled polyester / 2% polyester	
Weight	g/lm oz/lin.yd	420 13.55
Width	cm inches	140 55
Abrasion	rubbs martindale (EN ISO 12947-2) double rubbs wyzenbeek (ASTM D4157-07) (heavy duty upholstery)	100,000 100,000
Pilling	scale 1-5, max. 5 - EN ISO 12945-2	4-5
Light fastness	scale 1-8, max. 8 - EN ISO 105-B02	5-8
Rubbing fastness	scale 1-5, max. 5 - EN ISO 105x12 (wet/dry)	4-5/4-5
Maintenance	wash or dry cleaning P(W) Cura is made of polyester which is a material suited for environments with special requirements for cleaning. click here for guidance relating to disinfection. 40°C shrinkage max. 1%. 60°C shrinkage max. 2%.	
US ACT	<div><div> ASTM D4157-07 Wyz abrasion (heavy duty) 100k</div><div> ASTM D3511 Pilling</div><div> CA TB 117-2013</div><div> ASTM E 84 Class I</div><div> AATCC 16 Light fastness</div><div> AATCC 8 or 116 Wet/dry crocking</div></div> <div>Abrasion test results exceeding ACT Performance Guidelines are not an indicator of product lifespan</div>	
Acoustic test air flow resistance	EN 29053 & ISO 9053-1 (airflow resistance)	
Flammability	BS EN 1021 1&2 Cigarette and Match CA TB 117-2013 ASTM E 84 Class I Will also pass other flammability standards. Flame retardant performance is dependent upon the foam used. Contains no flame retardant chemicals.	
Certificates	Complete list	
Environment	STANDARD 100 by OEKO-TEX® EU Ecolabel	
Design	Cenk Kivrikoglu	
Colours	Cenk Kivrikoglu	

“Our goal in Wehlers is to be the difference we wish to see in the world. Today’s linear “take, make, dispose” model relies on large quantities of cheap, easily accessible materials and energy, and it is a model that has reached its physical limits.

We are on a mission to change the furniture industry for good because our place in history depends on the choices we make”

wehlers[®]