wehlers test result



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

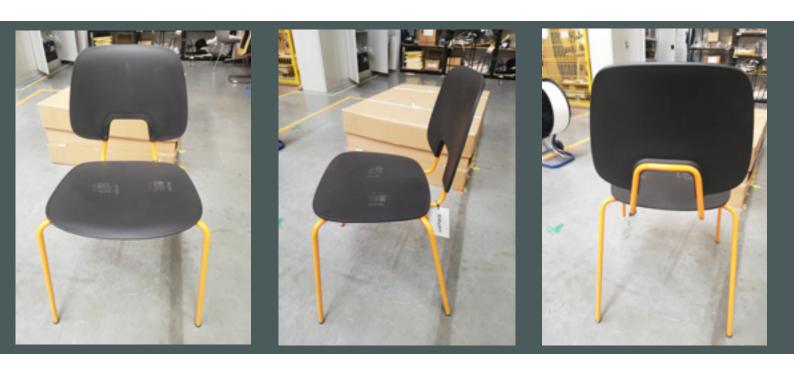
Furniture - Strength, durability and safety - Requirements for non-domestic seating

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



Henrik Wehlers Owner 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/

Design no.		2480	
Application		contract	
Composition	98% post-consumer recycled polye		
	- Control of the Cont	polyester	
Weight	g/lm oz/lin.yd	420 13.55	
Width	cm inches		
Abrasion	rubs martindale (EN ISO 12947-2)	100,000	
	double rubs wyzenbeek (ASTM D4157-07) (heavy duty uphoistery)	100,000	
Pilling	scale 1-5, max. 5 - EN ISO 12945- 2		
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 w special requirements for cleaning.	rith	
	click here for guidance relating to disinfection.		
	☑ 🏔 🖽 ⑩ 🔯 40°C shrinkage max. 1%.		
	© A A ⊙ B 60°C shrinkage max. 2%.		
US ACT	ASTM D4157-07 Wyz abrasion (heavy duty) 100k	pass	
	* ASTM D3511 Pilling	pass	
	◆ CA TB 117-2013	pass	
	 ◆ ASTM E 84 Class I ◆ AATCC 16 Light fastness 	pass	
	◆ AATCC 16 Light lastness ◆ AATCC 8 or 116 Wet/dry crocking	pass	
	Abrasion test results exceeding ACT Performance Guidelines are not an of product lifespan		
Acoustic test air flow resistance	EN 29053 & ISO 9053-1 (airflow resistance)		
Flammability			
Certificates		plete 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