# ARTEX



From old train seats to a material mixture for further processing into new products

- Using existing manufacturing techniques
- Developing a specific mixture with unique process parameters
- Creating desired function and design



#### 1928

For nearly 100 years we have produced textile products that stand the test of time.

2023









## NSPORT **4**1 Π





















### PRODUCTION UNITS

**SWEDEN** Mjölby Stockholm Trollhättan

**LATVIA** Riga Kraslava Smiltene Madona Gulbene Viljaka

**Finland** Laitila

**Danmark** Viborg







#### Artex - YouTube





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### REFURBISHMENT BENEFITS



**BUY NEW** 



**REFURBISH WITH ARTEX** 



~17 00 € ~414 kg CO2eq ~700 € ~64 kg CO2eq





#### **REGINA**



### ÖRESUND

























## Aucustics and chemiclas



The test show that the non-woven materials based on the used train seats have a clearly better sound absorption capacity than the primary produced materials used today.

			Research Institutes of Survivo								
	Procedure and results Screening of lead, cadmium, mercury, chromium, tin, bromin an EID-XRF, Niton XL3cThe method is semi-quantitative, to deter other test methods are required.						e and chlorine was performed with mine the total amount of metals				
			Limit of qu Date of test	antification : 2020-09-1	: 100 mg/kg 1.						
Т			Table 1. XR	F screening.							
esting Laboratory	Belevever Page		Test	Lead	Cadmium	Mercury	Chromium	TT1 (0.)	Bromine	Chlorine	
2022-01-25	P112339:B 1 (1)		material	(Pb)	(Cd)	(Hg)	(Cr)	Tin (Sn)	(Br)	(Cl)	
			1	detected	not detected	detected	not detected	detected	detected	detected	
	Artex AB Cecilia Toomväli Industrigatan 2 595 41 Mjölby		2 yellow side	not detected	not detected	not detected	not detected	not detected	not detected	not detected	
			2 grey side	detected	not detected	110 ppm	170 ppm	not detected	not detected	not detected	
int of heavy metals			3	not detected	not detected	not detected	200 ppm	not detected	not detected	not detected	
is were received from the client 2021-12-15.			4	not detected	not detected	not detected	not detected	not detected	not detected	not detected	
X2000 12mm   Regina 12mm   Regina 12mm   fresults   heavy metabox was determined according to Swerea IVF method 81-10, tito and analysis by UFO-OES.   tito certified reference material.   casim: 10 mg/sp.   casimotic of the measurement $\pm$ 20 % 201-10   course of carges)   cample 1   sample 3   cist 0   cist 0			All results relate only to the material tested. Mölindal, 2020-09-18 RISE: IVF AB Material and Product Safety May Rockström Technical Reviewer						Elisabeth Olsson Project leader		
Frithestande Frithestande Frithestande	ngile Cruzz										
1	angèle Cruz										
Institutes of Sweden AB Interioasten grongstan 30 1153 Mölmdal wEDEN infogrise	This report may not be reproduced other than in full, except with the prior written approval of the issuing laboratory.	Acceleration of the second sec									

RI.

5200502

#### High fire safety requirements on trains $\rightarrow$ flame retardants

#### Test result;

RI. Se REPOR

Contact person 8356 Ellham Franzén Division Materials : +46 10 516 52 77 elham franzen/iri s

Total amou

Test materia The test mater Table 1. Sampl

Sample 1 Sample 2 Sample 3 Procedure a

modified. Microwave dige Quantification v Limit of quantif Estimated uncer Date of test: 200

> Metals Arsenic, As\* Lead, Pb Cadmium, Cd' Mercury, Hg The method is n

The results relat

RISE Research Methodology, Te Performed by Elhan Franzán

RISE Research Postal address Box 857 501 15 BORÅS Castrones

- No high levels of heavy metals (<0.1% by weight)
- No indication of brominated flame retardants







## Thank you for listening





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... and the journey has begun!

Follow us on LinkedIn: @loopfactory @artex the factory

