

TEST REPORT No 93641 A

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1. Customer, it's address Center for Testing and European Certification - CTEC, Individual merchant, 5-69 Engures Str., Jurmala, LV-2016, Latvia.

2. Sample identification according to the test request No L-20615 from 17/12/2021:

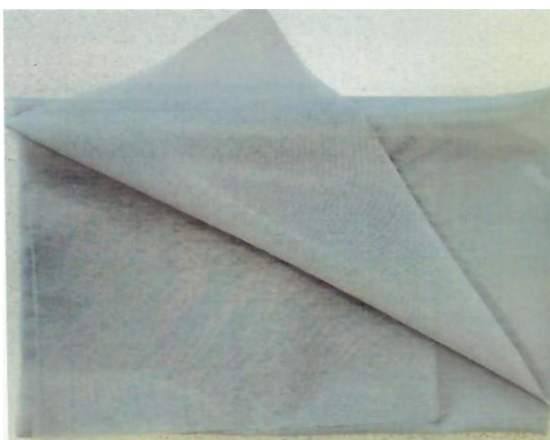
Sample name: Universal window filter screen NANOFIBER

Manufacturer: SOUTH KOREA

Sample amount 1 piece

3. Sample description/photo

Grey window filter screen material.



4. Testing time	Received	Started	Finished
17/12/2021	21/12/2021		12/01/2022

5. Test results and methods

5.1 Content of Cadmium, Mercury, Lead, Chromium VI

Tested parameter	Test result	Test method
Cadmium	< 1 mg/kg	LVS EN 1122:2001*
Mercury	< 0.2 mg/kg	LVS EN 1122:2001 modif.*
Lead	< 2 mg/kg	LVS EN 1122:2001 modif.*
Chromium (VI)	< 2 mg/kg	LVS EN 1122:2001 modif.*
Sum of Cadmium, Mercury, Lead and Chromium (VI)	< 5 mg/kg	

Requirements:

- Sum of concentration of Lead, Cadmium, Mercury and Hexavalent Chromium shall not exceed 100 ppm (100 mg/kg) (European Parliament and Council Directive 94/62/EC of 20 December 1994 on packaging and packaging waste);
- Concentration of Cadmium (expressed as Cd metal) shall not be equal to or greater than 0.01 % by weight of the plastic material (Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), Annex XVII, Entry 23).



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Laboratory Manager 13/01/2022

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5.2 Carcinogenic substances

Tested Parameter	Test result	Test method
Benzene	< 0.0005 % m/m	GC/MS/Headspace*
Acrylamide	< 0.001 % m/m	HPLC after methanol/water extraction*
Primary aromatic amines:		GC/MS after extraction*
- Benzidine	< 0.0005 % m/m	
- 2 - Naphthylamine	< 0.0005 % m/m	
- 4 - Chloroaniline	< 0.0005 % m/m	
- 3,3 - Dichlorobenzidine	< 0.0005 % m/m	
- 3,3 - Dimethoxybenzidine	< 0.0005 % m/m	
- 3,3 - Dimethylbenzidine	< 0.0005 % m/m	
- 0 - Toluidine	< 0.0005 % m/m	
- 2 - Methoxyaniline	< 0.0005 % m/m	
- Aniline	< 0.0005 % m/m	
Phthalates:		EN 14372:2004 6.3.2
Di-n-octylphthalate (DNOP)	< 0.01 % m/m	
Diisodecylphthalate (DIDP)	< 0.01 % m/m	
Diisononylphthalate (DINP)	< 0.01 % m/m	
Di-(2-ethylhexyl)phthalate (DEHP)	< 0.01 % m/m	
Dibutylphthalate (DBP)	< 0.01 % m/m	
Benzylbutylphthalate (BBP)	< 0.01 % m/m	

* The method is not included in the scope of accreditation


Laboratory Manager
13/01/2022