

TEST REPORT

APPLICANT : NALEXIBLE (BEIJING) TECHNOLOGY CO.,LTD

ADDRESS : 876 ENTERPRISE DEVELOPMENT SERVICE
CENTER, XIJI TOWN, TONGZHOU DISTRICT,
BEIJING

TESTED SAMPLE DESCRIPTION : FLEXIBLE STONE

REFERENCE SAMPLE DESCRIPTION : FLEXIBLE STONE

TESTED ITEM NO. : N/A

MANUFACTURER : NALEXIBLE

COUNTRY OF ORIGIN : INDIA

COUNTRY TO IMPORT : CHINA

AGE REQUESTED ON APPLICATION FORM : NOT PRESENT

SAMPLE RECEIVED DATE : JUL. 26, 2021

TEST PERIOD : JUL. 26, 2021 TO JUL. 28, 2021

RESULT SUMMARY :

TEST(S) REQUESTED BY APPLICANT:	RESULT
- EN 71 – 3: 2019 Migration of Certain Elements	PASS
- EN 71 – 3: 2019 + A1: 2021 Migration of Certain Elements	PASS

*****FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S)*****

SIGNED FOR AND ON BEHALF OF
EUROFINS TESTING TECHNOLOGY (SHENZHEN) CO., LTD.



Harry Chen
Lab & Technical Support Manager



Coco Luo
Lab & Reporting Manager



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Material list

Testing material No.	Component	Material	Colour
1	Flexible stone	Textile/soft plastic	Brown/dim gray

EN 71 – 3: 2019 - Migration of Certain Elements

Test method : With reference to EN 71 – 3: 2019: Migration of certain elements.
General Elements analysis was performed by ICP-MS.
Soluble Chromium(VI) analysis was performed by IC-UV-Vis.
Soluble Organic Tin analysis was performed by GC-MS.

Element	Limit(mg/kg) Category III	MDL (mg/kg)	Material Test Result (mg/kg)
			1
Soluble Aluminium (Al)	28130	10	40
Soluble Antimony (Sb)	560	10	N.D.
Soluble Arsenic (As)	47	10	N.D.
Soluble Barium (Ba)	18750	10	N.D.
Soluble Boron (B)	15000	10	N.D.
Soluble Cadmium (Cd)	17	8	N.D.
Soluble Chromium III (Cr III)	460	5	N.D. ^Δ
Soluble Chromium VI (Cr VI)	0.053	0.025	N.D. ^Δ
Soluble Cobalt (Co)	130	10	N.D.
Soluble Copper(Cu)	7700	10	N.D.
Soluble Lead (Pb)	23	10	N.D.
Soluble Manganese (Mn)	15000	10	18
Soluble Mercury (Hg)	94	10	N.D.
Soluble Nickel (Ni)	930	10	N.D.
Soluble Selenium (Se)	460	10	N.D.
Soluble Strontium (Sr)	56000	10	N.D.
Soluble Tin (Sn)	180000	4.9	N.D.
Soluble Organic Tin	12	0.1	-- [^]
Soluble Zinc (Zn)	46000	10	N.D.

Note: - 1 mg/kg = 1 ppm = 0.0001%

- N.D. = Not Detected

- MDL = Method Detection Limit

- Unless specified, determination of Chromium (III) and Chromium (VI) was based on elemental analysis.

- The reported soluble organic tin value was calculated by summation of the migration values of Methyltin, Butyltin, Dibutyltin, Tributyltin, Tetrabutyltin, Monooctyltin, Dioctyltin, Dipropyltin, Diphenyltin, Triphenyltin and Dimethyltin.

-^ΔChromium (III) and Chromium (VI) confirmation test were performed on the tested component.

-[^] Confirmation test of soluble organic tin is not required in case of soluble tin, after conversion, does not exceed the soluble organic tin requirement as specified in EN 71 – 3: 2019.

- Proposal of stricter migration limit for Aluminium (Al) according to the Commission Directive (EU) 2019/1922, which is enter into force from 20 May 2021.

EN 71 – 3: 2019 + A1: 2021 - Migration of Certain Elements

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Other Information / Remark:

N/A



END OF THE REPORT