TC-5298

Test Report

Report No : TUV(I)/6616/21-22/0092100699 PI A
ULR-TC529821000022290F

Date : 22 Sep 2021

TUV INDIA PRIVATE LIMITED
TUV India House,
Survey No: 42, 3/1 & 3/2,
Sus, Tal. Mulshi,
Dist. Pune - 411 021
CIN : U74140MH1989PTC052930
Tel. : 020 - 67900000 / 01

Name and address of customer	:	**Sunflex Recycling Pvt Ltd** **Block No.184, Village - Chhatral-Isand Road, Ta. Kalol. Dist., Gandhinagar** **Pin Code: 382729**
Name of the sample	:	**EPDM RUBBER GRANULES**
REG No.	:	**6616/21-22**
CA No.	:	**0092100699**
Batch No./ Code no.	:	**Code no – Terracotta Red 0**
Discipline	:	**Chemical**
Product Category	:	**Miscellaneous**
Date of sample receipt	:	**04 Sep 2021**
Date(s) of analysis	:	**06 Sep 2021 - 17 Sep 2021**
Sample drawn by	:	Customer

Result Summary

Test Requested	Conclusion
1) Test for compliance with BS EN 71-3:2019 - Migration of Certain elements. a) BS EN 71-3:2019 - Migration of Certain elements	PASS

Tests selected as per Customer's Request

Refer further pages for Test Result

1) BS EN 71-3:2019 - Migration of Certain Elements

Sr. No.	Name of Test Parameter	Result	Unit	LOQ	Permissible Limit	Test Method
	Accredited Tests					
1	Aluminium	159	mg/kg	50.0	70000 Max	Based on BS EN 71-3:2019
2	Antimony	< LOQ	mg/kg	25.0	560 Max	
3	Arsenic	< LOQ	mg/kg	10.0	47 Max	
4	Barium	< LOQ	mg/kg	50.0	18750 Max	
5	Boron	< LOQ	mg/kg	50.0	15000 Max	
6	Cadmium	< LOQ	mg/kg	5.0	17 Max	
7	Chromium (III)	< LOQ	mg/kg	5.0	460 Max	
8	Chromium (VI)	< LOQ	mg/kg	0.05	0.053 Max	
9	Cobalt	< LOQ	mg/kg	25.0	130 Max	
10	Copper	< LOQ	mg/kg	50.0	7700 Max	
11	Lead	10.22	mg/kg	10.0	23 Max	
12	Manganese	< LOQ	mg/kg	50.0	15000 Max	
13	Mercury	< LOQ	mg/kg	10.0	94 Max	
14	Nickel	< LOQ	mg/kg	10.0	930 Max	
15	Selenium	< LOQ	mg/kg	10.0	460 Max	
16	Strontium	< LOQ	mg/kg	50.0	56000 Max	
17	Tin	< LOQ	mg/kg	25.0	180000 Max	
18	Organic tin	< LOQ	mg/kg	10.0	12 Max	
19	Zinc	2520	mg/kg	50.0	46000 Max	

Note: Based on Total Chromium (Cr) = Hexavalent chromium (Cr (VI)) +Trivalent chromium (Cr (III)) result expressed.

Limits mentioned as per Category III

LOQ: Limit of Quantification

Table 1 — Cross-reference table for determining category

Toy Material	Category I	Category II	Category III
Coatings of paints, varnishes, lacquers, printing inks, polymers, foams and similar coatings			X
Polymeric and similar materials, including laminates, whether textile reinforced or not, but excluding other textiles			X
Paper and paper board			X
Textiles, whether natural or synthetic			X
Glass, ceramic, metallic materials			X
Wood, fibre board, hard board, bone, leather and other solid materials			X
Compressed paint tablets, materials intended to leave a trace or similar materials in solid	X		
Pliable modelling materials, including modelling clays and plaster	X		
Liquid paints, including finger paints, varnishes, lacquers, liquid ink in pens and		X	
Glue sticks		X	

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Sample image is authentic only for the original test report

This is amended & reissued test report with respect to Batch No./Code No. as per customer request.
This Amended Test Report supersedes our earlier Test Report No : TUV(I)/6616/21-22/0092100699 Date : 17 Sep 2021

Authorized by
(Atulkumar Rajage)
Manager – Instrumentation Laboratory

Note – This is Electronically Generated Report Copy.

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10. For Pesticide Residue analysis, reported value at LOQ level may vary within analytical variation of 50% considering Uncertainty of Measurement.

-- End of Report --