

TEST REPORT

Job No./Report No TR2770180

Date: 05 March 2026 Page 1 of 5

ROSA PLAST Sp. z o.o.

ul. Hipolitowska 102B, 05-074 Hipolitow

The following sample(s) was (were) submitted and identified by/on behalf of the client as:

Sample No.	Sample Description
A	Filament ROSA3D PLA Starter Orange (pomaranczowy)

Client's reference No. : TR 2770180
Sample Receiving Date : 27 February 2026
Resubmit Date : 02 March 2026
Test Performing Period : 27 February 2026~05 March 2026

Overall Conclusion : PASS

Test Results : Please refer to the next page(s).

Performed Test Summary : Selected test(s) as requested by client against Client's performance standard.

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms-and-conditions/terms-e-document. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Unsigned test reports are considered invalid. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. If it is important for the test result, the environmental conditions are specified in the test result table.

SGS applied shared risk decision rule.

SGS does not verify authenticity of any Brand/Trademark of products. Buyers must check if the product is genuine with the Brand/Trademark owner directly.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. Unless further specified in an individual contract the sample(s) retention time is 30 days."

TEST REPORT

Job No./Report No TR2770180

Date:05 March 2026

Page 2 of 5

Test Parameters	Result
Chemical tests	A1
Migration of Certain Elements - Category III	M

Remarks	M = Meets client's requirement
	F = Does not meet client's requirement
	I = Inconclusive
	* = No specified requirement
Notes:	Conclusions on meet/fail are based on the test result from the actual sampling of the received sample(s).
	Residual sample can be returned to client if requested.

The test results relate to the tested items only.
Test reports without SGS seal and authorised signatures are invalid.

Issued in Istanbul
Signed for and on behalf of
SGS Supervise Gözetme Etüd Kontrol Servisleri A.Ş.

RAVİYE MUTLU Customer Services Supervisor	Bora Şirinbilek Hardline C&PC Testing Services Manager
	

Component List / List of Materials for Chemical Test

Sample No.	Sample Description	Material No.	Component	Material	Colour
A	Filament ROSA3D PLA Starter Orange (pomaranczowy)	A1	Filament	Plastic	Orange

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms-and-conditions/terms-e-document. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Unsigned test reports are considered invalid. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. If it is important for the test result, the environmental conditions are specified in the test result table.
SGS applied shared risk decision rule.
SGS does not verify authenticity of any Brand/Trademark of products. Buyers must check if the product is genuine with the Brand/Trademark owner directly.
Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. Unless further specified in an individual contract the sample(s) retention time is 30 days."

TEST REPORT

Job No./Report No TR2770180

Date:05 March 2026 Page 3 of 5

Directive 2009/48/EC and its Amendment Council Directive (EU) 2017/738, Commission Directive (EU) 2019/1922 - EN71-3: 2019 + A2:2024 – Migration of certain elements				
Category III: Scrapped-off toy material				
Test Method:	With reference to EN71-3:2019 + A2:2024. Analysis of general elements was performed by ICP-MS/ ICP-OES , Chromium (III) was obtained by calculation, Chromium (VI) was analyzed by LC-ICP-MS and Organic Tin was analyzed by GC-MS.			
Test Item		Result	Reporting Limit (mg/kg)	Permissible Limit EN71-3: 2019 + A2:2024 (mg/kg)
		A1		
Mass of trace amount	-	-	-	-
Soluble Aluminum	(Al)	n.d.	50	28130
Soluble Antimony	(Sb)	n.d.	10	560
Soluble Arsenic	(As)	n.d.	10	47
Soluble Barium	(Ba)	n.d.	50	18,750
Soluble Boron	(B)	n.d.	50	15,000
Soluble Cadmium	(Cd)	n.d.	5	17
Soluble Chromium	(Cr)	n.d.	0.01	--
Soluble Chromium (III) [#]	(Cr (III))	-	5	460
Soluble Chromium (VI) [#]	(Cr (VI))	-	0,01	0.053
Soluble Cobalt	(Co)	n.d.	10	130
Soluble Copper	(Cu)	n.d.	50	7,700
Soluble Lead	(Pb)	n.d.	10	23
Soluble Manganese	(Mn)	n.d.	50	15,000
Soluble Mercury	(Hg)	n.d.	10	94
Soluble Nickel	(Ni)	n.d.	10	930
Soluble Selenium	(Se)	n.d.	10	460
Soluble Strontium	(Sr)	n.d.	50	56,000
Soluble Tin	(Sn)	n.d.	4.9	180,000
Soluble Organic Tin [^]	--	-	--	12
Soluble Zinc	(Zn)	n.d.	50	46,000
Conclusion		Pass	-	-

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms-and-conditions/terms-e-document . Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Unsigned test reports are considered invalid. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. If it is important for the test result, the environmental conditions are specified in the test result table. SGS applied shared risk decision rule. SGS does not verify authenticity of any Brand/Trademark of products. Buyers must check if the product is genuine with the Brand/Trademark owner directly. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. Unless further specified in an individual contract the sample(s) retention time is 30 days."

TEST REPORT

Job No./Report No TR2770180

Date:05 March 2026

Page 4 of 5

Note:	- mg/kg = milligram per kilogram - n.d. = Not Detected - 1% = 10000 mg/kg = 10000 ppm - # The test result of soluble chromium (III) and chromium (VI) were derived from soluble chromium screening and then confirmation test for soluble chromium (III) and soluble Chromium (VI) on component with soluble chromium exceeding the screening limit of 0.01 mg/kg soluble Cr. - ^ The test result of soluble organic tin was derived from soluble tin screening and then confirmation test for soluble organic tin on component exceeding the screening limit of 4.9 mg/kg soluble Sn. - Soluble Chromium (III) = Soluble Total Chromium – Soluble Chromium (VI)
-------	---

TEST REPORT

Job No./Report No TR2770180

Date:05 March 2026

Page 5 of 5



* * *

End of Test Report

* * *

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms-and-conditions/terms-e-document. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Unsigned test reports are considered invalid. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. If it is important for the test result, the environmental conditions are specified in the test result table.

SGS applied shared risk decision rule.

SGS does not verify authenticity of any Brand/Trademark of products. Buyers must check if the product is genuine with the Brand/Trademark owner directly.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. Unless further specified in an individual contract the sample(s) retention time is 30 days."