



Customer: C0818213

Vialli GmbH
Terminalstrasse Mitte 18
Munich, Bayern
85356
Germany

Revised Report

Result Limited testing was undertaken on this product for a multilayer pipe with an approved water contact layer. Related test report J-00471176. This product has satisfied the criteria set out in BS 6920: Part 1: 2014 "Specification" and thus is suitable for use with hot (up to 85°C) and cold water.

Customer Name	Vialli GmbH
Product	VIALLI-De PPR SDR 6 pipe with aluminum middle layer
Test Undertaken	BS 6920: 2014 - Suitability of non-metallic products for use in contact with water intended for human consumption with regard to their effect on the quality of the water
Job Number	J-00471188
Work Order Number	W0918684

Thank you for having your product tested by NSF Wales Ltd.

Please contact your Account Manager if you have any questions or concerns pertaining to this report.

Report Date 07-JUN-2024
Original issue date: 26-APR-2024

Report Authorisation 
Angelo Iannetelli - Specialist II Labs Wales



0626

Result Summary Section

Test	Result
Odour and flavour of water BS 6920: Part 1: 2014, Clause 4 - 23°C	Pass
Odour and flavour of water BS 6920: Part 1: 2014, Clause 4 - 85°C	Pass

Sample Details

Date of Receipt of Application Form	19/09/2023
Date of Receipt of Product for Test	23/10/2023
Front Cover Test Description	Limited testing was undertaken on this product for a multilayer pipe with an approved water contact layer. Related test report J-00471176.
Product *	VIALLI-De PPR SDR 6 pipe with aluminum middle layer
Nature of Material *	PPR
Date Test Sample Manufactured *	13/04/2023
Batch Number *	13-04-2023
Receipt Conditions	Good Condition
Receipt Packaging	CARDBOARD BOX
Product Manufacturer *	Vialli Gmbh
Product Manufacturing Site *	Germany
Tradename and Reference of Product *	VIALLI-De PPR SDR 6 pipe with aluminum middle layer
Method of Manufacture *	Extruded
Typical Use of the Product *	Component in contact with potable water
Layer 1 (Inner) Tradename *	Vialli De PPR
Layer 1 (Inner) Manufacturer *	Vialli Gmbh
Layer 1 (Inner) Material *	PPR
Layer 1 (Inner) Colour *	Green
Layer 2 Tradename *	Sisecam Elyaf Sanayi Aluminium
Layer 2 Manufacturer *	Sisecam Elyaf Sanayi AS.
Layer 2 Material *	Aluminium
Layer 2 Color *	Natural
Layer 3 Tradename *	Vialli De PPR
Layer 3 Manufacturer *	Vialli Gmbh
Layer 3 Material *	PPR
Layer 3 Color *	Green
Nature of Product *	Pipe
Sampling Procedure *	Random
Address of Product Manufacturer *	Terminalstrasse Mitte 18, Munich, Bayern, 85356
Submitting Organization *	Vialli Gmbh

* denotes customer supplied information

Sample Preparation

Description/Appearance of the product	Multilayer pipe. Layer 1 (inner)- Green, opaque. Layer 2- Silver, opaque. Layer 3 (outer)- Green, opaque.
Length	1000 mm
Inner diameter	15.7 mm
Outer diameter	25.5 mm
Calibration mark of test container	1 L
Test sample preparation	1 m lengths of the complete pipe were filled with test water and the resulting lechate was subsequently diluted in accordance with BS 6920-2.2.2.
Storage Conditions	As in BS 6920: Part 2: Section 2.1: Clause 5.2

Additional Sample Details

Length of test sample	1 m
Total wall thickness	4.9 mm
Internal surface area of test sample	49323 mm ²
Volume of test water contained within test sample	194 mL
Volume of extract water diluted to 1 L	59 mL

Job Attachments:



Photo 1

Odour and flavour of water BS 6920: Part 1: 2014, Clause 4 - 23°C

Methodology: BS 6920: Part 2: Section 2.2 and in-house method PROC/MAT 004 and 006.

Date Leaching Test Started: 21-FEB-2024

First Extract - Chlorinated Test Water

Panellist	Odour Descriptor	Flavour Descriptor	Flavour Dilution Number
1	None	None	1
2	None	None	1
3	None	None	1

First Extract - Chlorine Free Test Water

Panellist	Odour Descriptor	Flavour Descriptor	Flavour Dilution Number
1	None	None	1
2	None	None	1
3	None	None	1

On the basis of these results the samples of this product referred to in this report have been found to conform to the requirements of BS 6920: Part 1: 2014, Clause 4.

Odour and flavour of water BS 6920: Part 1: 2014, Clause 4 - 85°C

Methodology: BS 6920: Part 2: Section 2.2 and in-house method PROC/MAT 004 and 006.

Date Leaching Test Started: 21-FEB-2024

First Extract - Chlorinated Test Water

Panellist	Odour Descriptor	Flavour Descriptor	Flavour Dilution Number
1	None	None	1
2	None	None	1
3	None	None	1

First Extract - Chlorine Free Test Water

Panellist	Odour Descriptor	Flavour Descriptor	Flavour Dilution Number
1	None	None	1
2	None	None	1
3	None	None	1

On the basis of these results the samples of this product referred to in this report have been found to conform to the requirements of BS 6920: Part 1: 2014, Clause 4.



<< **Testing Laboratories** >>

	<u>Flag</u>	<u>Id</u>	<u>Address</u>
All work performed at: (Unless otherwise specified)	→	NSF_WALES	NSF Wales Ltd. NSF Wales Ltd Unit 30 Fern Close Pen-Y-Fan Industrial Estate Oakdale, Newport NP11 3EH, UK

Job Notes:

This report replaces previously issued report with serial# FI20240426103901. This report is being re-issued due to a correction in the client's name. This does not change the overall status of the report.

NOTES

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