



Unit 30 | Fern Close | Pen-Y-Fan Ind Est | Oakdale | Gwent | NP11 3EH | UK
Tel: +44 (0) 1495 236260 wales@nsf.org | www.nsf.org

TEST REPORT

Customer: C0551738

Onur Ek Parcalari Ve Plastik Boru San Tic Ltd
Sti
Tevfikbey Mah
Emrullah Efendi
Cad No: 32/C Sefakoy
Istanbul
Turkey

Result Limited testing conducted in accordance with e-mail from Hannah Lewis dated 02/04/20. Differs in shape (same base material, same method of manufacture) related report J-00364744. 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	Onur Ek Parcalari Ve Plastik Boru San Tic Ltd Sti
Product	PPR Tee Fitting (Yuhwa rp 2400)
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-00364783
PAMS Number	200864

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 10-AUG-2020

Report Authorisation

Matthew Rees - Materials Laboratory Supervisor



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	10/04/20
Date of Receipt of Product for Test	22/04/20
Product *	PPR Tee Fitting (Yuhwa rp 2400)
Nature of Material *	PPR
Date Test Sample Manufactured *	26/03/20
Batch Number *	Not provided
Receipt Conditions	Good Condition
Receipt Packaging	Wrapped in plastic
Product Manufacturer *	ONUR EK PARÇALARI VE PLASTIK
Product Manufacturing Site *	Turkey
Tradename and Reference of Product *	Yuhwa rp 2400 Green PPR Fitting
Method of Manufacture *	Extrusion
Typical Use of the Product *	Fitting in contact with potable water
Material Manufacturer *	Korea Petrochemical Ind Co Ltd
Tradename and Reference of Material *	Yuhwa rp 2400
Nature of Product *	Tee fitting
Sampling Procedure *	Random
Address of Product Manufacturer *	ONUR EK PARÇALARI VE PLASTIK BORU SAN.TIC.LTD.STI.
Submitting Organization *	ONUR EK PARÇALARI VE PLASTIK

* denotes customer supplied information

Sample Preparation

Description/Appearance of the product	Green, opaque, rigid tee fitting
Length	60.4 mm
Inner diameter	24.3 mm
Outer diameter	33.4 mm
Surface area of one article	14278.0 mm ²
Number of articles constituting a sample	1.08
Surface area for test	15465.4 mm ²
Calibration mark of test container	1 L
Storage Conditions	As in BS 6920: Part 2: Section 2.1: Clause 5.2

Job Attachments:

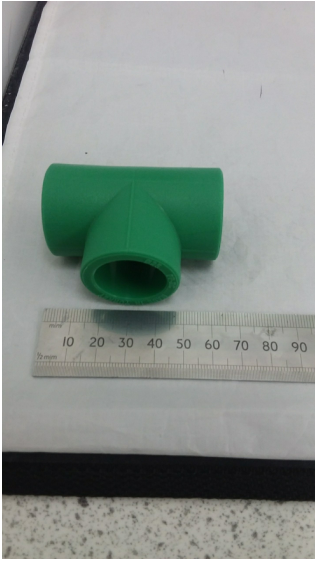


Photo 1

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: 8-JUL-2020

First Extract - Chlorinated Test Water

Panellist	Odour Descriptor	Flavour Descriptor	Flavour Dilution Number
1	None	None	1
2	None	None	1
3	Chemical	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: 24-JUN-2020

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. 30 Fern Close Pen-Y-Fan Industrial Estate, Oakdale Gwent, NP11 3EH UK

NOTES

1. This report is issued in accordance with the laboratory accreditation requirements of the United Kingdom Accreditation Service (UKAS). NSF Wales is UKAS accredited against ISO/IEC 17025:2017 for calibration and testing, laboratory numbers 0248 and 0626 respectively. For details of the laboratory Schedule of Accreditation please see the UKAS website (www.ukas.org).
2. The laboratory provides traceability of measurement to the SI system of units and/or to units of measurement realised at the National Physical Laboratory or other recognised national metrology institutes.
3. Reported conformity statements have been applied in line with the decision rule inherent in the applicable testing standard.
4. Test reports utilise the simplified test report format option allowed by ISO/IEC 17025:2017 (reference clause 7.8.1.3). This simplified report does not include all of the information on the report specified by ISO/IEC 17025:2017 (clauses 7.8.2 to 7.8.7) but as stated in the standard this data is held by the laboratory and is available to the client on request.
5. Opinions and interpretations in this report are outside the scope of UKAS Accreditation.
6. The results specified in this report relate only to the sample(s) of the product submitted for testing. Any change in the source or nature of the product or materials used in the product, method of manufacture or application could affect the performance of the product.
7. This test report does not constitute approval or endorsement of the product by either NSF Wales or its parent companies.
8. The contents of this report are the copyright of NSF Wales Ltd and all rights are reserved. No part of this publication may be reproduced, stored in a retrieval system in any form or by any means electronic, mechanical, photocopying, recording or otherwise, without prior written consent of NSF Wales Ltd.
9. Any queries regarding this report should be addressed to the authorised signatory at NSF Wales. Copies of reports are retained by NSF Wales for ten years after issue.
10. Non UKAS accredited tests or tests which have been subcontracted will be identified in the following manner:
 - Tests marked † are not included in the laboratory's ISO 17025 accreditation schedule.
 - Tests marked ‡ have not been performed by NSF Wales and have been performed at an approved subcontract laboratory.
11. We draw to your attention that reports issued by the accredited test laboratories do not of themselves constitute approval by the Water Regulations Advisory Scheme or the test laboratory. Only a letter from the Scheme, citing a Directory Reference number can be regarded as indicating approval.
12. Materials and products intended for use by public water supply company in the preparation or conveyance of water may need to satisfy more comprehensive toxicological requirements as specified by the Drinking Water Inspectorate. These additional requirements are necessary to ensure water Company usage complies with Regulation 31 of the Water Supply (Water Quality) Regulations 2010.