

सेन्ट्रल इंस्टिट्यूट ऑफ प्लास्टिक्स
इंजीनियरिंग एण्ड टेक्नॉलाजी
सिपेट : सेन्टर फॉर स्किलिंग एण्ड
टेक्निकल सपोर्ट (सी एस टी एस)
रसायन एवं पेट्रोरसायन विभाग,
रसायन एवं उर्वरक मंत्रालय, भारत सरकार
हरिद्वार रोड, पोस्ट-भनियावाला, डोईवाला,
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मुख्यालय : सिपेट, गिण्डी, चेन्नई - 600 032



CENTRAL INSTITUTE OF PLASTICS
ENGINEERING & TECHNOLOGY
CIPET : CENTRE FOR SKILLING AND
TECHNICAL SUPPORT (CSTS)

Department of Chemicals & Petrochemicals
Ministry of Chemicals & Fertilizers, Govt. of India
Haridwar Road, Post- Bhanियawala, Doiwala,
Dehradun - 248 140 (Uttarakhand)
Phone : +91-135-2695075
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Head Office : CIPET, Guindy, Chennai - 600 032

Issued to:

M/s Savoir Faire Manufacturing Co. Pvt. Ltd
Plot No. 29, Sector-3 A, Integrated Industrial Estate,
BHEL, Haridwar (Uttaranchal)

Test Report No : 43 (A)
Date : 27/11/2020
Your Ref : Nil
Date : 20/11/2020

Page No. 1 of 3

Test Results	
PART -A	
PARTICULARS OF SAMPLE SUBMITTED	
(a) Name of Sample	: PPR Pipe 20 mm SDR 7.4
(b) Grade/Variety/Type/Size/Class	: Nil
(c) Declared value, if any	: Nil
(d) Code No	: Nil
(e) Batch No. and Date of Manufacturing	: Nil
(f) Quantity	: 3 Nos * 1 Mtr
(g) Mode of Packing	: Packed
(h) Sealed or not	: sealed
(i) Date of Receipt	: 20/11/2020
(j) Date (s) of Performance of test	: 20/11/2020 to 26/11/2020
(k) Any other information	: Nil

PART- B	
SUPPLEMENTARY INFORMATION	
i) Reference to sampling procedure	: Samples supplied by the Party
ii) Supporting documents for the measurement taken and result derived	: As given in Part C
iii) Deviation from the test method as prescribed in relevant work instruction, if any	: Nil

S. Senthil Kumar

केन्द्र : अहमदाबाद, अमृतसर, औरंगाबाद, अगरतला, बड़ी, बालासोर, बेंगलुरु, भोपाल, भुवनेश्वर, चन्द्रपुर, चेन्नई, देहरादून, गुरुग्राम, गुवाहाटी, ग्वालियर, हैदराबाद, हाजीपुर, हल्दिया, इम्फाल, जयपुर, कोच्चि, कोरबा, लखनऊ, मदुरै, मुरथल, मैसूरु, रायपुर, राँची, वलसाड एवं विजयवाड़ा

Centres : Ahmedabad Amritsar Aurangabad Agra Badi Balasore Bangalore Bhopal Bhubaneswar Chandrapur Chennai Dehradun Gurugram Guwahati

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Test Report No : 0043(A)
 Date : 27/11/2020
 Page No : 2 of 3

Part C						
Test Results						
Sr.No	Cl.no	Name of the test	Test Method	Unit	Specified Value	Test Result
1	8.0	Visual Appearance	IS 15801: 2008	---	The internal and external surface of the pipes shall be smooth, clean and free from grooving and other defects. The ends shall be cleanly cut and shall be square with axis of pipe.	The internal and external surface of the pipes is smooth, clean and free from grooving and other defects. The ends are cleanly cut and square with axis of pipe.
2	7.0	Dimensions				
	7.1 & Table 1	Outside Diameter Tolerance	IS 15801: 2008	mm mm	20.0 0.3	20.12 0.12
	7.1 & Table 1	Ovality	IS 15801: 2008	mm	1.2	0.8
	7.2 & Table 2	Wall Thickness Min Max	IS 15801: 2008	mm mm	2.80 3.30	2.85 3.21

S. Sathya Narayanan

इंस्टिट्यूट ऑफ प्लास्टिक्स
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सिपेट : सेन्टर फॉर स्किलिंग एण्ड
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Test Report No : 0043(B)
Date : 27/11/2020
Page No : 2 of 3

Part C						
Test Results						
Sr.No	Cl.no	Name of the test	Test Method	Unit	Specified Value	Test Result
1	8.0	Visual Appearance	IS 15801: 2008	---	The internal and external surface of the pipes shall be smooth, clean and free from grooving and other defects. The ends shall be cleanly cut and shall be square with axis of pipe.	The internal and external surface of the pipes is smooth, clean and free from grooving and other defects. The ends are cleanly cut and square with axis of pipe.
2	7.0	Dimensions				
	7.1 & Table 1	Outside Diameter Tolerance	IS 15801: 2008	mm mm	32.0 0.3	32.15 0.15
	7.1 & Table 1	Ovality	IS 15801: 2008	mm	1.3	0.91
	7.2 & Table 2	Wall Thickness Min Max	IS 15801: 2008	mm mm	4.40 5.10	4.49 5.01

S. Sathya Prasad

इंस्टिट्यूट ऑफ प्लास्टिक्स
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Test Report No : 0043(B)
 Date : 27/11/2020
 Page No : 3 of 3

3	9.1 & Table 3	Hydraulic Characteristics (Acceptance Test @ 16.0 Mpa hoop stress for 1 hour at 20 °C)	IS 15801: 2008	---	The pipe under test shall show no sign of localized swelling, leakage or weeping and shall not burst.	Conform
Part D Remarks: Nil						

NOTE:

- 01 The results are related only to item tested.
- 02 The reports shall not be reproduced in full / part without written approval of the laboratory
- 03 The result pertains to the sample as received from the customer.
- 04 Details of tests subcontracted: Nil

Authorized Signatory
 Sairaj Adithya Kumar Varma
 (Technical Manager)

Authorized Signatory
 Abhishek Rajvansh
 (Deputy Director)

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रसायन एवं पेट्रोरसायन विभाग,
रसायन एवं उर्वरक मंत्रालय, भारत सरकार
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BHEL, Haridwar (Uttaranchal)

Test Report No : **43 (C)**
Date : 27/11/2020
Your Ref : Nil
Date : 20/11/2020

Page No. 1 of 3

Test Results	
PART -A	
PARTICULARS OF SAMPLE SUBMITTED	
(a) Name of Sample	: PPR Pipe 40 mm SDR 7.4
(b) Grade/Variety/Type/Size/Class	: Nil
(c) Declared value, if any	: Nil
(d) Code No	: Nil
(e) Batch No. and Date of Manufacturing	: Nil
(f) Quantity	: 3 Nos * 1 Mtr
(g) Mode of Packing	: Packed
(h) Sealed or not	: sealed
(i) Date of Receipt	: 20/11/2020
(j) Date (s) of Performance of test	: 20/11/2020 to 26/11/2020
(k) Any other information	: Nil

PART- B	
SUPPLEMENTARY INFORMATION	
i) Reference to sampling procedure	: Samples supplied by the Party
ii) Supporting documents for the measurement taken and result derived	: As given in Part C
iii) Deviation from the test method as prescribed in relevant work instruction, if any	: Nil

(Handwritten Signature)

सिपेट इंस्टिट्यूट ऑफ प्लास्टिक्स
 जीनियरिंग एण्ड टेक्नॉलाजी
 सिपेट : सेन्टर फॉर स्किलिंग एण्ड
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 रसायन एवं पेट्रो रसायन विभाग,
 रसायन एवं उर्वरक मंत्रालय, भारत सरकार
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Test Report No : 0043(C)
 Date : 27/11/2020
 Page No : 2 of 3

Part C						
Test Results						
Sr.No	Cl.no	Name of the test	Test Method	Unit	Specified Value	Test Result
1	8.0	Visual Appearance	IS 15801: 2008	---	The internal and external surface of the pipes shall be smooth, clean and free from grooving and other defects. The ends shall be cleanly cut and shall be square with axis of pipe.	The internal and external surface of the pipes is smooth, clean and free from grooving and other defects. The ends are cleanly cut and square with axis of pipe.
2	7.0	Dimensions				
	7.1 & Table 1	Outside Diameter Tolerance	IS 15801: 2008	mm mm	40.0 0.4	40.19 0.19
	7.1 & Table 1	Ovality	IS 15801: 2008	mm	1.4	1.02
	7.2 & Table 2	Wall Thickness Min Max	IS 15801: 2008	mm mm	5.30 6.30	5.45 6.24

(Handwritten Signature)

सेन्टर फॉर स्किंग एण्ड टेक्नॉलाजी
सिपेट : सेन्टर फॉर स्किंग एण्ड
टेक्निकल सपोर्ट (सी एस टी एस)
रसायन एवं पेट्रोसायन विभाग,
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Test Report No : 0043(C)
Date : 27/11/2020
Page No : 3 of 3




3	9.1 & Table 3	Hydraulic Characteristics (Acceptance Test @ 16.0 Mpa hoop stress for 1 hour at at 20 °C)	IS 15801: 2008	---	The pipe under test shall show no sign of localized swelling, leakage or weeping and shall not burst.	Conform
Part D Remarks: Nil						

NOTE:

- 01 The results are related only to item tested.
- 02 The reports shall not be reproduced in full / part without written approval of the laboratory
- 03 The result pertains to the sample as received from the customer.
- 04 Details of tests subcontracted: Nil


Authorized Signatory
Sairaj Adithya Kumar Varma
(Technical Manager)


Authorized Signatory
Abhishek Rajvansh
(Deputy Director)

सेन्ट्रल इंस्टिट्यूट ऑफ प्लास्टिक्स
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BHEL, Haridwar (Uttaranchal)

Test Report No : **43 (D)**
Date : 27/11/2020
Your Ref : Nil
Date : 20/11/2020
Page No. 1 of 3

Test Results	
PART - A	
PARTICULARS OF SAMPLE SUBMITTED	
(a) Name of Sample	: PPR Pipe 50 mm SDR 7.4
(b) Grade/Variety/Type/Size/Class	: Nil
(c) Declared value, if any	: Nil
(d) Code No	: Nil
(e) Batch No. and Date of Manufacturing	: Nil
(f) Quantity	: 3 Nos * 1 Mtr
(g) Mode of Packing	: Packed
(h) Sealed or not	: sealed
(i) Date of Receipt	: 20/11/2020
(j) Date (s) of Performance of test	: 20/11/2020 to 26/11/2020
(k) Any other information	: Nil
PART - B	
SUPPLEMENTARY INFORMATION	
i) Reference to sampling procedure	: Samples supplied by the Party
ii) Supporting documents for the measurement taken and result derived	: As given in Part C
iii) Deviation from the test method as prescribed in relevant work instruction, if any	: Nil

(Handwritten Signature)

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Test Report No : 0043(D)
 Date : 27/11/2020
 Page No : 2 of 3

Part C						
Test Results						
Sr.No	Cl.No	Name of the test	Test Method	Unit	Specified Value	Test Result
1	8.0	Visual Appearance	IS 15801: 2008	---	The internal and external surface of the pipes shall be smooth, clean and free from grooving and other defects. The ends shall be cleanly cut and shall be square with axis of pipe.	The internal and external surface of the pipes is smooth, clean and free from grooving and other defects. The ends are cleanly cut and square with axis of pipe.
2	7.0	Dimensions				
	7.1 & Table 1	Outside Diameter Tolerance	IS 15801: 2008	mm mm	50.0 0.5	50.23 0.23
	7.1 & Table 1	Ovality	IS 15801: 2008	mm	1.4	1.30
	7.2 & Table 2	Wall Thickness Min Max	IS 15801: 2008	mm mm	6.90 7.80	6.95 7.71

(Handwritten Signature)

इंस्टिट्यूट ऑफ प्लास्टिक्स
नियरिंग एण्ड टेक्नॉलाजी
सिपेट : सेन्टर फॉर स्किलिंग एण्ड
टेक्निकल सपोर्ट (सी एस टी एस)
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रसायन एवं उर्वरक मंत्रालय, भारत सरकार
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Department of Chemicals & Petrochemicals
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Test Report No : 0043(D)
Date : 27/11/2020
Page No : 3 of 3

3	9.1 & Table 3	Hydraulic Characteristics (Acceptance Test @ 16.0 Mpa hoop stress for 1 hour at 20 °C)	IS 15801: 2008	---	The pipe under test shall show no sign of localized swelling, leakage or weeping and shall not burst.	Conform
Part D Remarks: Nil						

NOTE:

- 01 The results are related only to item tested.
- 02 The reports shall not be reproduced in full / part without written approval of the laboratory
- 03 The result pertains to the sample as received from the customer.
- 04 Details of tests subcontracted: Nil


Authorized Signatory
Sairaj Adithya Kumar Varma
(Technical Manager)


Authorized Signatory
Abhishek Rajvansh
(Deputy Director)

न इंस्टिट्यूट ऑफ प्लास्टिक्स
नियरिंग एण्ड टेक्नॉलाजी
सिपेट : सेन्टर फॉर स्किलिंग एण्ड
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Test Report No : 0043(E)
Date : 27/11/2020
Page No : 2 of 3

Part C						
Test Results						
Sr.No	Cl.no	Name of the test	Test Method	Unit	Specified Value	Test Result
1	8.0	Visual Appearance	IS 15801: 2008	---	The internal and external surface of the pipes shall be smooth, clean and free from grooving and other defects. The ends shall be cleanly cut and shall be square with axis of pipe.	The internal and external surface of the pipes is smooth, clean and free from grooving and other defects. The ends are cleanly cut and square with axis of pipe.
2	7.0	Dimensions				
	7.1 & Table 1	Outside Diameter Tolerance	IS 15801: 2008	mm mm	63.0 0.6	63.40 0.40
	7.1 & Table 1	Ovality	IS 15801: 2008	mm	1.6	1.52
	7.2 & Table 2	Wall Thickness Min Max	IS 15801: 2008	mm mm	8.60 9.70	8.68 9.65

S. S. Srinivasan

इंस्टिट्यूट ऑफ प्लास्टिक्स
मयरींग एण्ड टेक्नॉलाजी
ट : सेन्टर फॉर स्किलिंग एण्ड
टेक्निकल सपोर्ट (सी एस टी एस)
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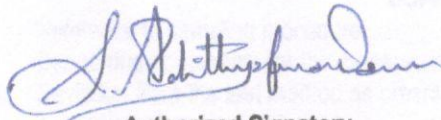
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Test Report No : 0043(E)
Date : 27/11/2020
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3	9.1 & Table 3	Hydraulic Characteristics (Acceptance Test @ 16.0 Mpa hoop stress for 1 hour at at 20 °C)	IS 15801: 2008	---	The pipe under test shall show no sign of localized swelling, leakage or weeping and shall not burst.	Conform
Part D Remarks: Nil						

NOTE:

- 01 The results are related only to item tested.
- 02 The reports shall not be reproduced in full / part without written approval of the laboratory
- 03 The result pertains to the sample as received from the customer.
- 04 Details of tests subcontracted: Nil


Authorized Signatory
Sairaj Adithya Kumar Varma
(Technical Manager)


Authorized Signatory
Abhishek Rajvansh
(Deputy Director)

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Issued to:

M/s Savoir Faire Manufacturing Co. Pvt. Ltd
Plot No. 29, Sector-3 A, Integrated Industrial Estate,
BHEL, Haridwar (Uttaranchal)

Test Report No : 43 (F)
Date : 27/11/2020
Your Ref : Nil
Date : 20/11/2020

Page No. 1 of 3

Test Results

PART -A

PARTICULARS OF SAMPLE SUBMITTED

(a) Name of Sample	:	PPR Pipe 75 mm SDR 7.4
(b) Grade/Variety/Type/Size/Class	:	Nil
(c) Declared value, if any	:	Nil
(d) Code No	:	Nil
(e) Batch No. and Date of Manufacturing	:	Nil
(f) Quantity	:	3 Nos * 1 Mtr
(g) Mode of Packing	:	Packed
(h) Sealed or not	:	sealed
(i) Date of Receipt	:	20/11/2020
(j) Date (s) of Performance of test	:	20/11/2020 to 26/11/2020
(k) Any other information	:	Nil

PART- B

SUPPLEMENTARY INFORMATION

i) Reference to sampling procedure	:	Samples supplied by the Party
ii) Supporting documents for the measurement taken and result derived	:	As given in Part C
iii) Deviation from the test method as prescribed in relevant work instruction, if any	:	Nil

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Date : 27/11/2020
Page No : 2 of 3

Part C						
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2	7.0	Dimensions				
	7.1 & Table 1	Outside Diameter Tolerance	IS 15801: 2008	mm mm	75.0 0.7	75.60 0.60
	7.1 & Table 1	Ovality	IS 15801: 2008	mm	1.6	1.56
	7.2 & Table 2	Wall Thickness Min Max	IS 15801: 2008	mm mm	10.30 11.60	10.41 11.52

(Handwritten Signature)

