

**Dubai Central Laboratory**

Engineering Materials Laboratory Section – Structural Unit

**TEST REPORT**

DIMENSION OF PPR PIPES

REPORT NO. : 2015122690 DATE : 29/11/2015  
 WEB REQUEST NO. : DCL-18112015-0126  
 REQUEST NO. : 2015087120 SAMPLE NO. : 2015116524  
 PROJECT NO. : PS15-0189  
 PROJECT NAME : TESTING SERVICE FOR MINCOM TRADING LLC  
 CONSULTANT : NO SPECIFIC CONSULTANT  
 CONTRACTOR : NO SPECIFIC CONTRACTOR  
 LOCATION : P.O.BOX # 232833 MINCOM TRADING LLC. AL QUSAIS IND.3rd - DUBAI  
 SOURCE : NOT GIVEN  
 SAMPLE DESCRIPTION: POLY PROPYLENE PIPE (PP)  
 SAMPLE TYPE : PPR PN20-VIALLI-GERMANY  
 SUPPORT / FACING : NIL  
 NOM. THICKNESS (mm): 4.2  
 NOM. DENSITY (kg/m<sup>3</sup>) : NG

Date of Sampling	: 17/11/2015	Time	: 10:30	Lot No.	: 230215 B3
Date of Receiving Sample	: 18/11/2015	Time	: 10:00	Lot Size	: NG
Size of Sample	: 4m x3 Nos.	Area No.	: -	Sender No.	: V-PPR-25

DATE SPECIMEN RECEIVED	18/11/2015
DATE MEASURED	28/11/2015
TEST TEMPERATURE (°C)	23 ± 2°C
SPECIMEN NOMINAL LENGTH (mm)	4000.0
SPECIMEN NOMINAL THICKNESS (mm)	4.2
SPECIMEN NOMINAL DIAMETER (mm)	25.0

SPECIMEN NO.	1	2	3
LENGTH (mm)	4002.7	4003.0	4002.7
OUTER DIAMETER (mm)	25.6	25.8	25.8
MINIMUM WALL THICKNESS (mm)	4.5	4.4	4.5
MAXIMUM WALL THICKNESS (mm)	4.9	4.7	4.9

SAMPLED BY : SAMER ABI (Supplier) TESTED BY : SANKAR RAJU  
 SAMPLES BROUGHT IN BY : SAMER ABI (Supplier) TSET START DATE : 22/11/2015  
 SAMPLING METHOD : NOT GIVEN  
 SAMPLING REPORT NO. : NG  
 TEST METHOD : DIN- 8078 :2008-09  
 TEST METHOD VARIATION : NIL  
 REMARKS : THIS REPORT REPRESENTS THE SUBMITTED SAMPLE ONLY.

AUTHORIZED BY  
HEAD OF UNIT



This report is computer approved, it does not require any signature

**Dubai Central Laboratory**

**Engineering Materials Laboratory Section – Structural Unit**

**TEST REPORT**

**LONGITUDINAL REVERSION OF PPR PIPES**

REPORT NO. : 2015125778 DATE : 08/12/2015  
 WEB REQUEST NO. : DCL-18112015-0126  
 REQUEST NO. : 2015087120 SAMPLE NO. : 2015116524  
 PROJECT NO. : PS15-0189  
 PROJECT NAME : TESTING SERVICE FOR MINCOM TRADING LLC  
 CONSULTANT : NO SPECIFIC CONSULTANT  
 CONTRACTOR : NO SPECIFIC CONTRACTOR  
 LOCATION : P.O.BOX # 232833 MINCOM TRADING LLC. AL QUSAIS IND.3rd - DUBAI  
 SOURCE : NOT GIVEN  
 SAMPLE DESCRIPTION: POLY PROPYLENE PIPE (PP)  
 SAMPLE TYPE : PPR PN20-VIALLI GERMANY  
 SUPPORT / FACING : NIL  
 NOM. THICKNESS (mm): 4.2  
 NOM. DENSITY (kg/m<sup>3</sup>) : NG

Date of Sampling	: 17/11/2015	Time	: 10:30	Lot No.	: 230215 B3
Date of Receiving Sample	: 18/11/2015	Time	: 10:00	Lot Size	: NG
Size of Sample	: 4m x3 Nos.	Area No.	: -	Sender No.	: V-PPR-25

DATE SPECIMEN RECEIVED	18/11/2015
DATE HEATED	07/12/2015
PRECONDITIONING TEMP. & DURATION	23 ± 2°C & 3Hr.
TEMPERATURE EXPOSURE EQUIPMENT	AIR OVEN
SPECIMEN NOMINAL LENGTH (mm)	200.00
SPECIMEN NOMINAL THICKNESS (mm)	4.20
SPECIMEN NOMINAL DIAMETER (mm)	25.00
TEST TEMPERATURE (°C)	135
DURATION (H)	1

SPECIMEN NO.	1	2	3
APPEARANCE	NORMAL	NORMAL	NORMAL
% OF LONGITUDINAL REVERSION	0.13	0.14	0.11
CHANGE OF LENGTH (POSITIVE / NEGATIVE)	NEGATIVE	NEGATIVE	NEGATIVE

SAMPLED BY : SAMER ABI (Supplier) TESTED BY : SANKAR RAJU  
 SAMPLES BROUGHT IN BY : SAMER ABI (Supplier) TEST START DATE : 22/11/2015  
 SAMPLING METHOD : NOT GIVEN  
 SAMPLING REPORT NO. : NG  
 TEST METHOD : DIN 8078: 2008-09& BSEN ISO 2505-05  
 TEST METHOD VARIATION : NIL  
 REMARKS : THIS REPORT REPRESENTS THE SUBMITTED SAMPLE ONLY.

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**Dubai Central Laboratory**

Engineering Materials Laboratory Section – Structural Unit

**TEST REPORT**

SURFACE FINISH OF PPR PIPES

REPORT NO. : 2015122688 DATE : 29/11/2015  
 WEB REQUEST NO. : DCL-18112015-0126  
 REQUEST NO. : 2015087120 SAMPLE NO. : 2015116524  
 PROJECT NO. : PS15-0189  
 PROJECT NAME : TESTING SERVICE FOR MINCOM TRADING LLC  
 CONSULTANT : NO SPECIFIC CONSULTANT  
 CONTRACTOR : NO SPECIFIC CONTRACTOR  
 LOCATION : P.O.BOX # 232833 MINCOM TRADING LLC. AL QUSAIS IND.3rd - DUBAI  
 SOURCE : NOT GIVEN  
 SAMPLE DESCRIPTION : POLY PROPYLENE PIPE (PP)  
 SAMPLE TYPE : PPR PN20-VIALLI GERMANY  
 SUPPORT / FACING : NIL  
 NOM. THICKNESS (mm) : 4.2  
 NOM. DENSITY (kg/m<sup>3</sup>) : NG

Date of Sampling	: 17/11/2015	Time	: 10:30	Lot No.	: 230215 B3
Date of Receiving Sample	: 18/11/2015	Time	: 10:00	Lot Size	: NG
Size of Sample	: 4m x3 Nos.	Area No.	: -	Sender No.	: V-PPR-25

DATE SPECIMEN RECEIVED	18/11/2015
TEST START DATE	22/11/2015
SPECIMEN NOMINAL LENGTH (mm)	4000.00
SPECIMEN NOMINAL THICKNESS (mm)	4.20
SPECIMEN NOMINAL DIAMETER (mm)	25.00

SPECIMEN NO.	1	2	3
BLISTERS	NIL	NIL	NIL
SHRINK HOLES	NIL	NIL	NIL
INHOMOGENITIES WHICH CAN AFFECT THE SERVICE	NIL	NIL	NIL
UNIFORMITY IN COLOUR	UNIFORM	UNIFORM	UNIFORM
SURFACE SMOOTHNESS (INTERNAL & EXTERNAL)	SMOOTH	SMOOTH	SMOOTH
UNACCEPTABLE CORRUGATIONS	NIL	NIL	NIL
SHARP EDGED GROOVES	NIL	NIL	NIL
SINK MARKS	NIL	NIL	NIL
RESULT	PASS	PASS	PASS

SAMPLED BY : SAMER ABI (Supplier) TESTED BY : SANKAR RAJU  
 SAMPLES BROUGHT IN BY : SAMER ABI (Supplier)  
 SAMPLING METHOD : NOT GIVEN  
 SAMPLING REPORT NO. : NG  
 TEST METHOD : DIN 8078 : 2008-09  
 TEST METHOD VARIATION : NIL  
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