

Dubai Central Laboratory

Engineering Materials Laboratory Section – Structural Unit

TEST REPORT

DIMENSION OF PPR PIPES

REPORT NO. : 2015122697 DATE : 29/11/2015
 WEB REQUEST NO. : DCL-18112015-0129
 REQUEST NO. : 2015087110 SAMPLE NO. : 2015116509
 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-PLASTHERM-TURKEY
 SUPPORT / FACING : NIL
 NOM. THICKNESS (mm): 4.2
 NOM. DENSITY (kg/m³) : NG

Date of Sampling	: 17/11/2015	Time	: 10:00	Lot No.	: 212-1951
Date of Receiving Sample	: 18/11/2015	Time	: 10:00	Lot Size	: NG
Size of Sample	: 4m x3 Nos.	Area No.	: -	Sender No.	: 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)	4001.7	4001.7	4000.3
OUTER DIAMETER (mm)	25.5	25.5	25.6
MINIMUM WALL THICKNESS (mm)	4.3	4.3	4.2
MAXIMUM WALL THICKNESS (mm)	4.7	4.9	4.7

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.

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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. : 2015125775 DATE : 08/12/2015
 WEB REQUEST NO. : DCL-18112015-0129
 REQUEST NO. : 2015087110 SAMPLE NO. : 2015116509
 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-PLASTHERM-TURKEY
 SUPPORT / FACING : NIL
 NOM. THICKNESS (mm): 4.2
 NOM. DENSITY (kg/m³) : NG

Date of Sampling	: 17/11/2015	Time	: 10:00	Lot No.	: 212-1951
Date of Receiving Sample	: 18/11/2015	Time	: 10:00	Lot Size	: NG
Size of Sample	: 4m x3 Nos.	Area No. :-		Sender No.	: 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	0.28	0.24	0.24
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. : 2015122696 DATE : 29/11/2015
 WEB REQUEST NO. : DCL-18112015-0129
 REQUEST NO. : 2015087110 SAMPLE NO. : 2015116509
 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-PLASTHERM-TURKEY
 SUPPORT / FACING : NIL
 NOM. THICKNESS (mm) : 4.2
 NOM. DENSITY (kg/m³) : NG

Date of Sampling	: 17/11/2015	Time	: 10:00	Lot No.	: 212-1951
Date of Receiving Sample	: 18/11/2015	Time	: 10:00	Lot Size	: NG
Size of Sample	: 4m x3 Nos.	Area No.	: -	Sender No.	: 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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