



REPORT

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Date
2016-12-12

Reference
6F021046-1

Page
1 (2)

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Determination of internal burst pressure test according to PRN 1988, section 9.4.3 and determination of resistance

Test object

LPG pipes made from PE-100, DN25 PN25 mm in black colour.

Delivery date

2016-10-03

The Client delivered three LPG pipes made from PE-100, DN25 PN25 with a length of 1000 mm.

The pipes were marked as follows:

Pipe designation	Marking written on the pipe
DN25 PN25	NP-LPG25 ANTI-STATIC Designed in accordance with EN 16125 next-plastics LPG-system DN25 PN25 =N34= =0703= 06.06.2016 05:22

Test

A burst pressure test according to PRN 1988, section 9.4.3. was performed on all three pipes.

The resistance was measured from one connector to the other on all three pipes.

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TEST RESULTS

Internal burst pressure test

Number of tests	Mean outside diameter mm	Min wall thickness mm	Blasting pressure bar
1	51.8	13.0	175.0
2	51.8	13.0	170.8
3	51.8	13.0	174.8

Test method: PRN 1988, section 9.4.3
Test temperature: 23 ± 0.1 °C
Pressure rate: 0.5 bar/s
Date of test: 2016-11-15 -- 16

Resistance

Number of tests	Ω/meter
1	62
2	63
3	66

Date of test: 2016-11-14

SP Technical Research Institute of Sweden Energy and bioeconomy - Pipe Centre

Performed by

Examined by

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Olle Persson