

MILL CERTIFICATE/ TEST REPORT

VLG/OC/F/44 Rev.00 15/03/24

Product Standart : SNI 4829.2:2015
Product : Pipa HDPE SDR 17 PN 10 Ø 110 mm

<i>DIMENSION</i>	<i>UNIT</i>	<i>LIMIT</i>	<i>VALUE</i>
Outside diameter	mm	110.0 – 110.7	110.5
Thickness	mm	6.60 – 7.40	6.75 – 7.00
Length	m	-	6

MECHANICAL PROPERTIES

Hydrostatic 80°C 165 h, 6,9 bar	-	no leakage	pass
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PHYSICAL PROPERTIES

Tensile Strength	MPa	-	27.0
Elongation at break	%	≥ 350	1463.21
Longitudinal reversion	%	≤ 3	1.47
Change of MFR by processing	%	± 20	-2.7

Approved by:


Indra S
 QA Department

Tensile & Elongation Test Report

Date 19/07/2025

Time 02:13:15

Company Information

Name PT. Rusli Vinilon Sakti
Address JL. Raya Narogong Km. 15.5 Pkl. 6 Limus Nunggal
Tel. 021-8230455

Specification

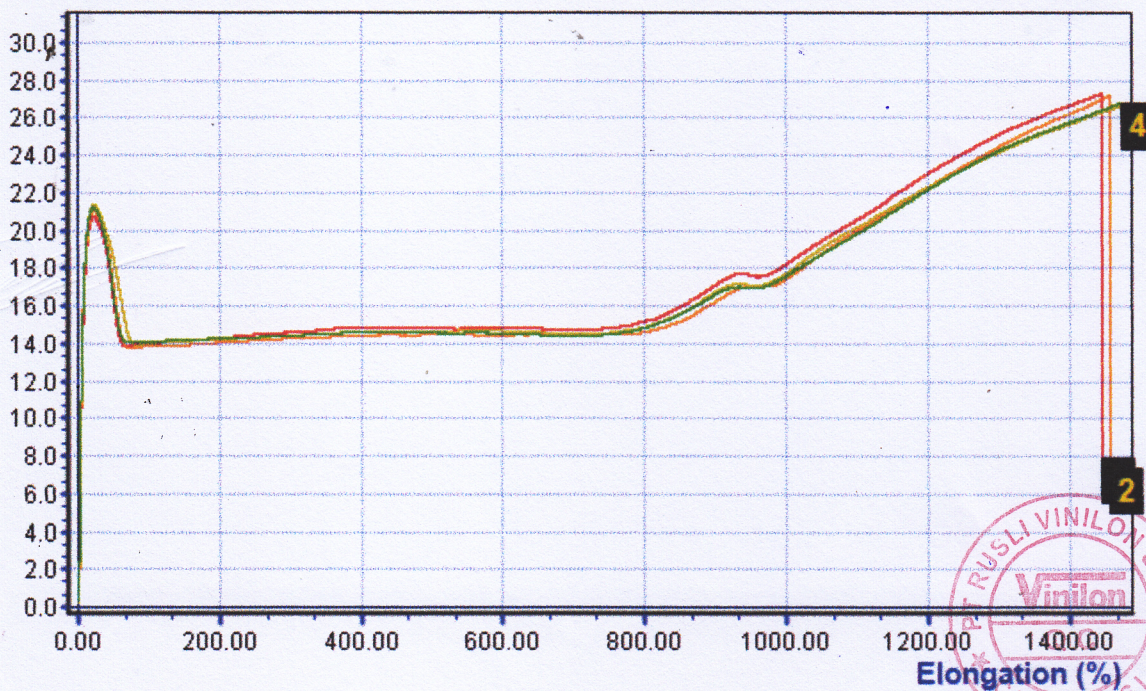
Test Item	PE AIR SDR 17 Ø 110 mm	Tester	Fazli - 3B
Test Speed	50 mm/min	Test Date	2025-07-19
Gauge Length	50 mm	Batch Prod.	2025-07-18 / M4
Std. Min. Tensile	- Mpa	Std. Min. Elong.	350 %
Colour	Black		

Data Table

Item1	Thickness	Width	F.max	σ .max	δp .break
Item2	Thickness	Width	Force Max	Tensile	Elongation
Unit	mm	mm	N	MPa	%
1	6.75	10.50	1937	27.3	1446.99
2	6.80	10.50	1941	27.2	1456.96
3	7.00	10.70	1998	26.7	1474.44
4	7.00	10.70	2008	26.8	1474.46
Mean	6.89	10.60	1971	27.0	1463.21

Graph

Stress (MPa)



PT. RUSLI VINILON SAKTI

JL. RAYA NAROGONG KM 15.5
LIMUS NUNGGAL, CILEUNGSI
BOGOR

Product details

Test number	250721
Description	PE AIR SDR 17 Ø 110 mm
Production no.	250718 - M4
Test type	Short term 80 °C 165 hours
Customer	PT. Rusli Vinilon Sakti JL. Raya Narogong KM. 15,5 Cileungsi - Bogor

Pressure Test Details

Operator	Cecep - 1C
Station	8
Set Pressure	6,90 [bar]
Hysteresis	0,07 [bar]
Alarm limit	0,14 [bar]
Max. Pressure	7,03 [bar]
Leak rate	5

Pressure Test Results

Total test time	165:00 hours
OK time	165:00 hours
Current test time	165:01 hours
Out of tolerance time	0:01 hours
Power failure time	0:02 hours

Pressure Test Temperature

Note: Temp data is manually input
Tank set temp. 80,00 [°C]

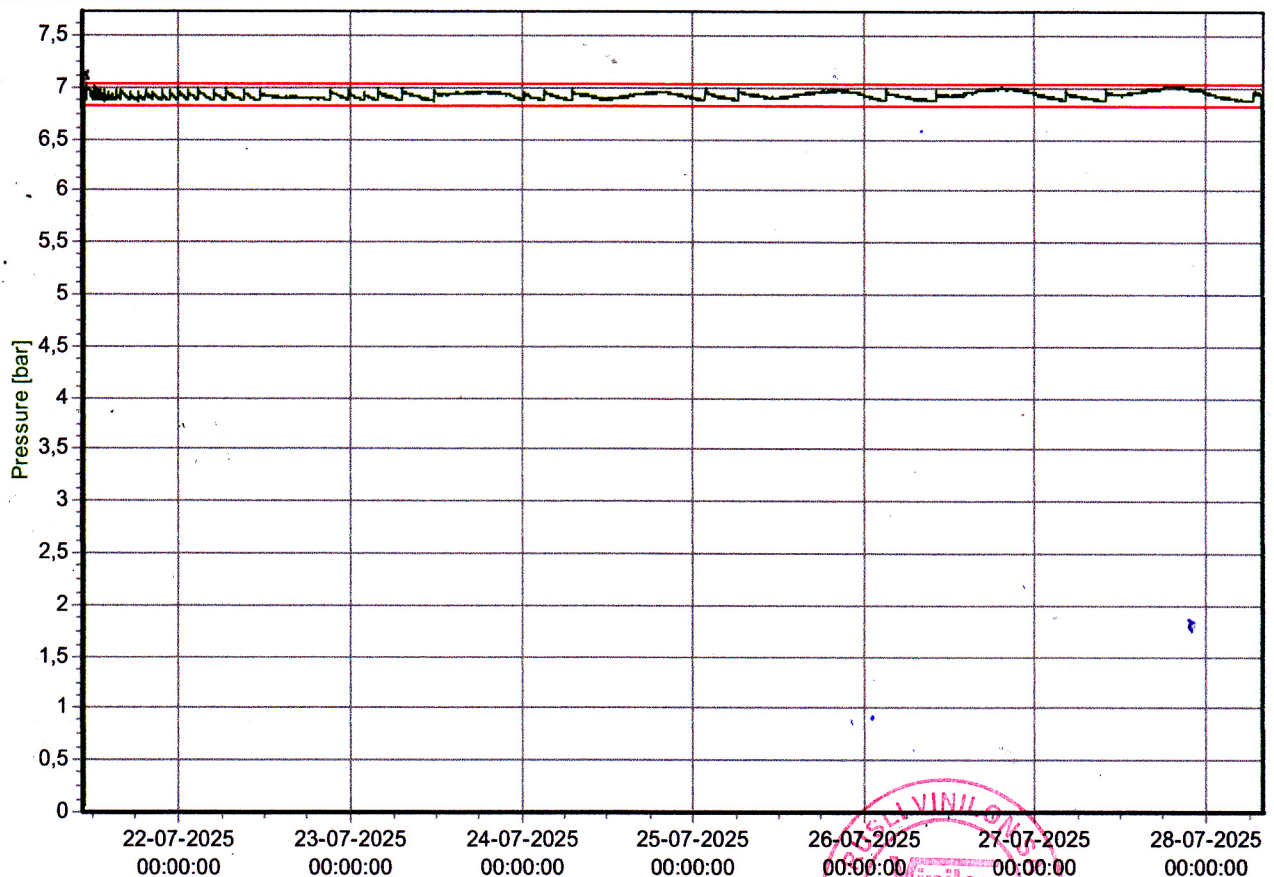
Test comments

tes ok

Dates

Start date of test	21-07-2025 10:44
End date of test	28-07-2025 07:49
Date of print	30-07-2025 21:05:02

Complete Test View



Pc version = 16 08 2012 8.48-1
0 version = 18-10-2016

Test approved by

Date .../.../....

