

**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 200 mm**

<i>DIMENSION</i>	<i>UNIT</i>	<i>LIMIT</i>	<i>VALUE</i>
Outside diameter	mm	200.0 – 201.2	200.9
Thickness	mm	11.90 – 13.20	12.10 – 12.50
Length	m	-	6

***MECHANICAL PROPERTIES***

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

***PHYSICAL PROPERTIES***

Tensile Strength	MPa	-	22.8
Elongation at break	%	≥ 350	939.79
Longitudinal reversion	%	≤ 3	1.37
Change of MFR by processing	%	± 20	-2.8

Approved by:



**Indra S**  
QA Department

# Tensile & Elongation Test Report

Date 01/07/2025

Time 17:32:36

## Company Information

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

## Specification

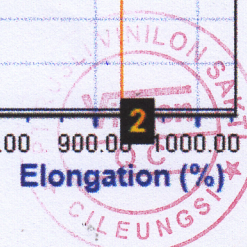
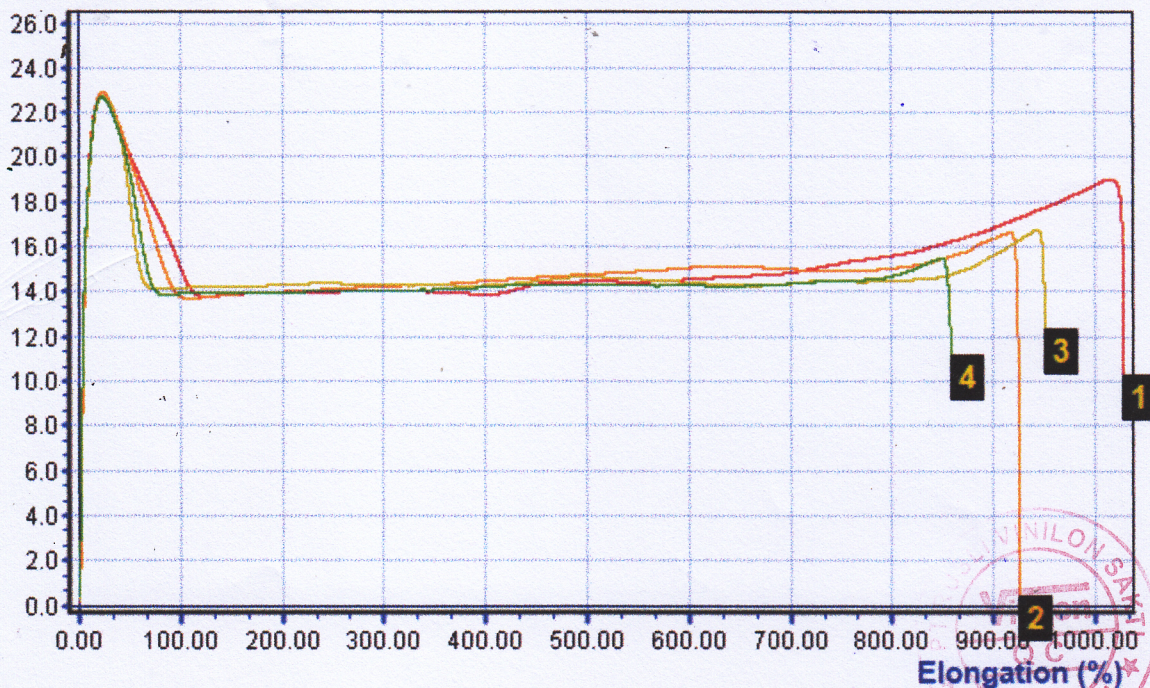
Test Item	PE AIR SDR 17 Ø 200 mm	Tester	Edy - 2A
Test Speed	50 mm/min	Test Date	2025-07-01
Gauge Length	50 mm	Batch Prod.	2025-07-01 / M9
Std. Min. Tensile	Mpa	Std. Min. Elong.	360 %
Colour	Black		

## Data Table

Item1	Thickness	Width	F.max	$\sigma$ .max	$\delta p$ .break
Item2	Thickness	Width	Force Max	Tensile	Elongation
Unit	mm	mm	N	MPa	%
1	12.20	10.10	2799	22.7	1027.36
2	12.30	10.50	2959	22.9	924.05
3	12.10	10.40	2864	22.8	950.22
4	12.50	10.40	2951	22.7	857.54
Mean	12.28	10.35	2893	22.8	939.79

## Graph

Stress (MPa)



# PT. RUSLI VINILON SAKTI

JL. RAYA NAROGONG KM 15.5  
LIMUS NUNGGAL, CILEUNGI  
BOGOR

## Product details

Test number 250702  
Description PE AIR SDR 17 Ø 200 mm Black  
Production no. 250701 - M9  
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 Saeful Anas - 1B  
Station 12  
Set Pressure 6,90 [bar]  
Hysterisis 0,07 [bar]  
Alarm limit 0,14 [bar]  
Max. Pressure 7,05 [bar]  
Leak rate 5

## Pressure Test Results

Total test time 165:00 hours  
OK time 165:00 hours  
Current test time 165:03 hours  
Out of tolerance time 0:03 hours  
Power failure time 0:02 hours

## Pressure Test Temperature

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

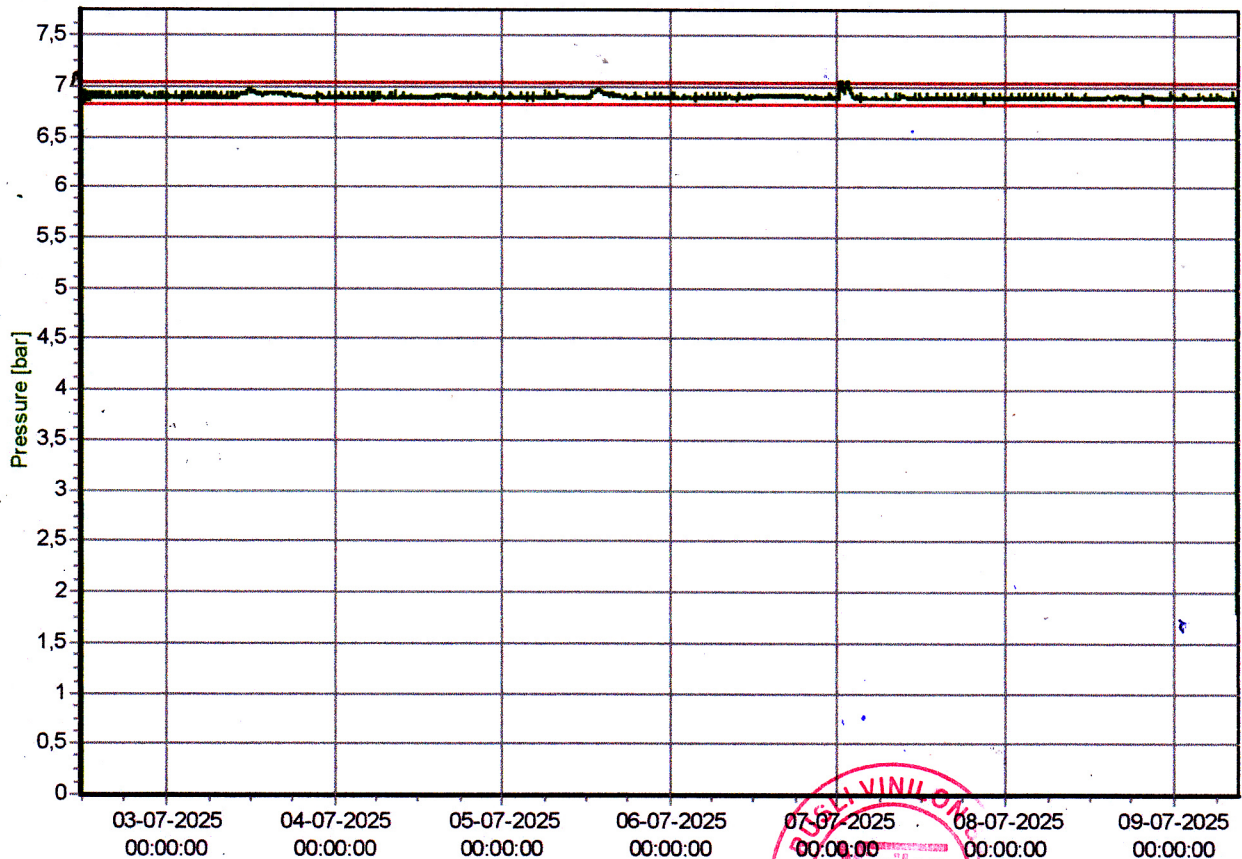
## Test comments

HASIL TEST OK

## Dates

Start date of test 02-07-2025 11:56  
End date of test 09-07-2025 09:03  
Date of print 09-07-2025 09:39:08

## Complete Test View



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

Test approved by

Date .. / .. / ..

