

MILL CERTIFICATE/ TEST REPORT

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

Product Standart : SNI 4829.2:2015
Product : Pipa HDPE SDR 17 PN 10 Ø 90 mm

<i>DIMENSION</i>	<i>UNIT</i>	<i>LIMIT</i>	<i>VALUE</i>
Outside diameter	mm	90.0 – 90.6	90.4
Thickness	mm	5.40 – 6.10	5.60 – 6.00
Length	m	-	6

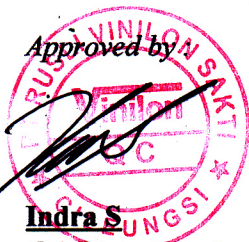
MECHANICAL PROPERTIES

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

Tensile Strength	MPa	-	25.5
Elongation at break	%	≥ 350	1219.25
Longitudinal reversion	%	≤ 3	1.43
Change of MFR by processing	%	± 20	8.2

Approved by

Indra S
 QA Department


Tensile & Elongation Test Report

Date 22/07/2025

Time 10:09:32

Company Information

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

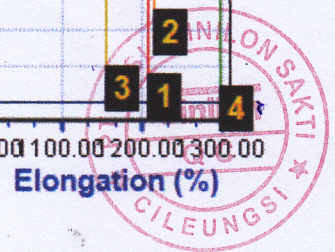
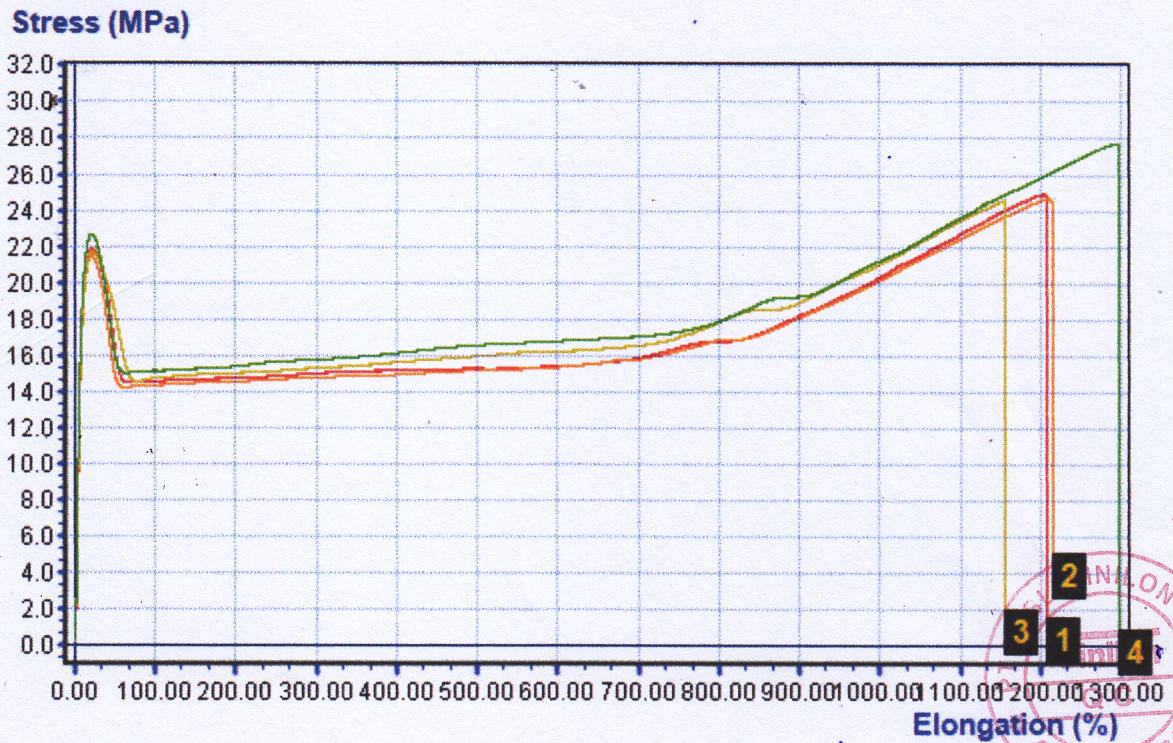
Specification

Test Item	PE AIR SDR 17 Ø 90 mm	Tester	Usman - 1C
Test Speed	50 mm/min	Test Date	2025-07-22
Gauge Length	50 mm	Batch Prod.	2025-07-22 / M9
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	5.90	10.20	1498	24.9	1208.99
2	6.00	10.00	1480	24.7	1215.60
3	5.60	10.00	1375	24.6	1155.01
4	5.60	10.00	1552	27.7	1297.38
Mean	5.78	10.05	1476	25.5	1219.25

Graph



PT. RUSLI VINILON SAKTI

JL. RAYA NAROGONG KM 15.5
LIMUS NUNGGAL, CILEUNGSI
BOGOR

Product details

Test number 2507232
Description PE AIR SDR 17 Ø 90 mm Black
Production no. 250722 - 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 Edy - 2A
Station 10
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 165:02 hours
Out of tolerance time 0:02 hours
Power failure time 0:01 hours

Pressure Test Temperature

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

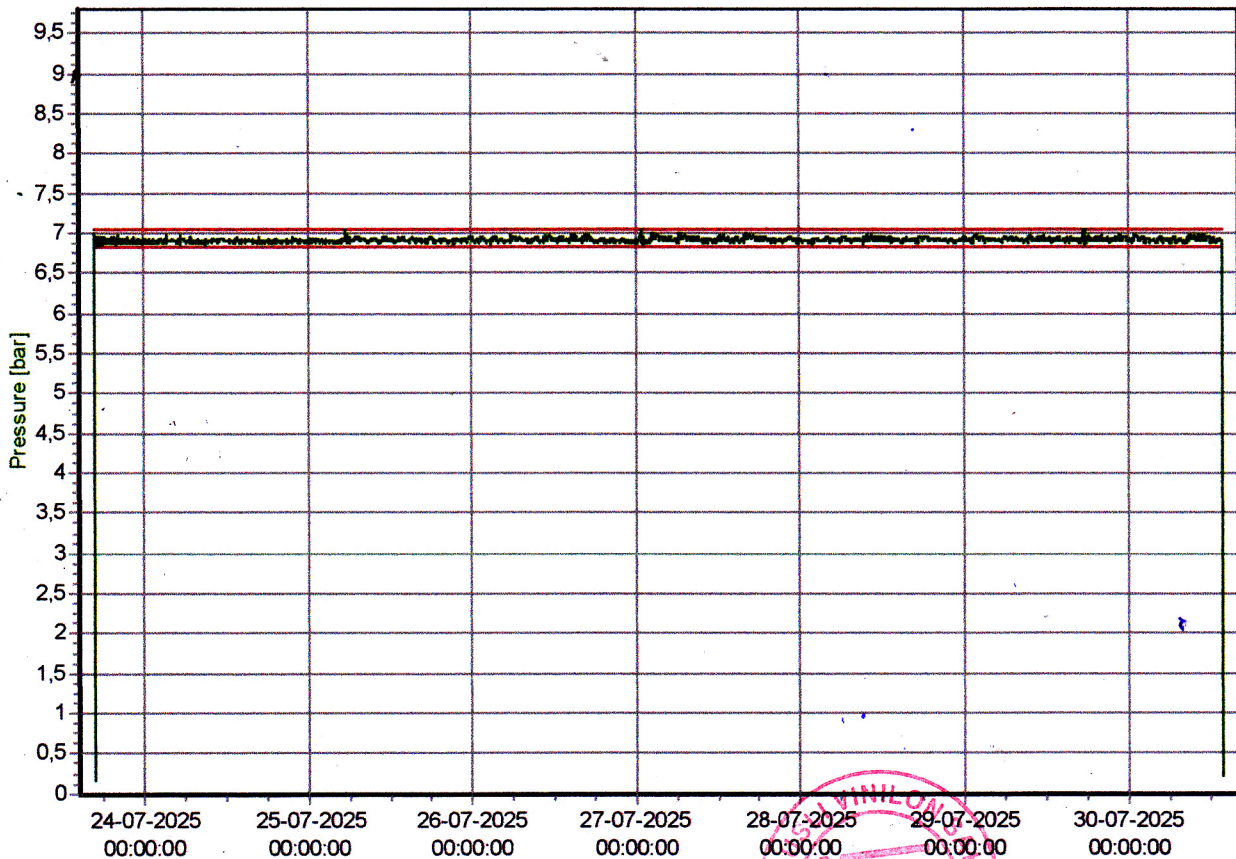
Test comments

Hasil tes baik

Dates

Start date of test 23-07-2025 16:43
End date of test 30-07-2025 13:46
Date of print 30-07-2025 16:28:10

Complete Test View



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

Test approved by

Date .. / .. / ..

