

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 160 mm

<i>DIMENSION</i>	<i>UNIT</i>	<i>LIMIT</i>	<i>VALUE</i>
Outside diameter	mm	160.0 – 161.0	160.7
Thickness	mm	9.50 – 10.60	9.60 – 10.20
Length	m	-	6
<i>MECHANICAL PROPERTIES</i>			
Hydrostatic 80°C 165 h, 6,9 bar	-	no leakage	pass
<i>PHYSICAL PROPERTIES</i>			
Tensile Strength	MPa	-	23.3
Elongation at break	%	≥ 350	1063.40
Longitudinal reversion	%	≤ 3	1.37
Change of MFR by processing	%	± 20	4.2

Approved by :



Tensile & Elongation Test Report

Date 18/07/2025

Time 20:18:20

Company Information

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

Specification

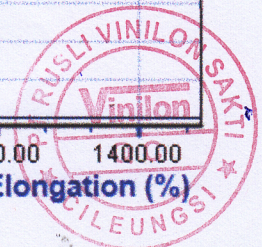
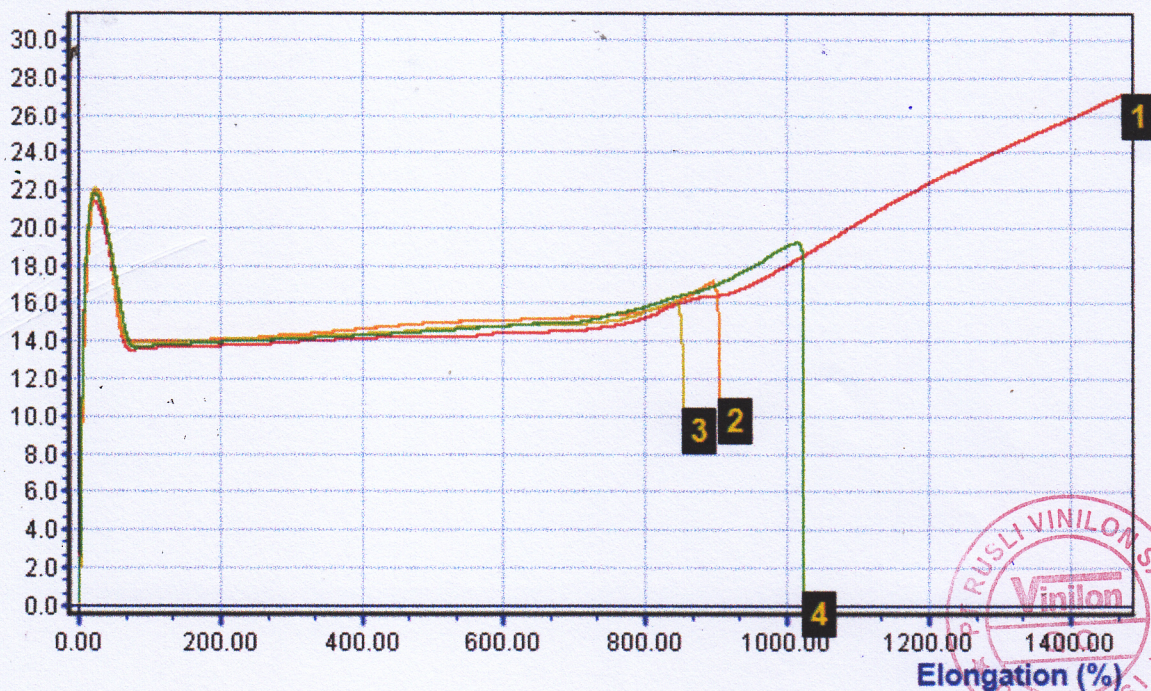
Test Item	PE AIR SDR 17 Ø 160 mm	Tester	Usman - 2C
Test Speed	50 mm/min	Test Date	2025-07-18
Gauge Length	50 mm	Batch Prod.	2025-07-18 / M138
Std. Min. Tensile	- Mpa	Std. Min. Elong.	350 %
Colour	Black		

Data Table

Item1	Thickness	Width	F.max	σ .max	δ p.break
Item2	Thickness	Width	Force Max	Tensile	Elongation
Unit	mm	mm	N	MPa	%
1	9.80	10.50	2792	27.1	1474.39
2	9.60	10.50	2217	22.0	903.99
3	10.20	10.40	2342	22.1	852.46
4	9.90	10.20	2206	21.8	1022.77
Mean	9.88	10.40	2389	23.3	1063.40

Graph

Stress (MPa)



PT. RUSLI VINILON SAKTI

JL. RAYA NAROGONG KM 15.5
LIMUS NUNGGAL, CILEUNGSI
BOGOR

Product details

Test number	2507191
Description	PE AIR SDR 17 Ø 160 mm Black
Production no.	250718 - M13
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	Harto - 1D
Station	13
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	165:07 hours
Out of tolerance time	0:07 hours
Power failure time	0:00 hours

Pressure Test Temperature

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

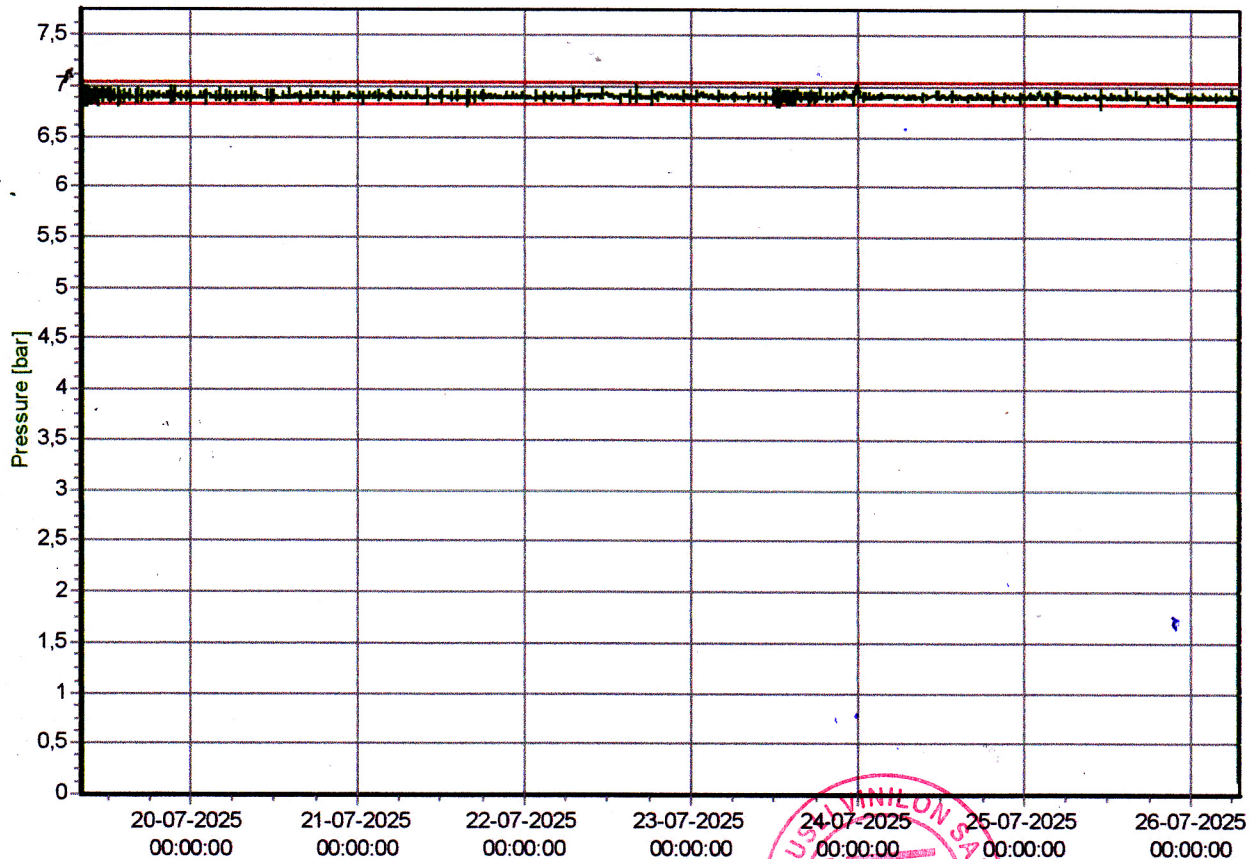
Test comments

hasil tes baik

Dates

Start date of test	19-07-2025 08:20
End date of test	26-07-2025 06:37
Date of print	26-07-2025 07:00:30

Complete Test View



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

Test approved by

Date .. / .. / ..

