

MILL CERTIFICATE/ TEST REPORT

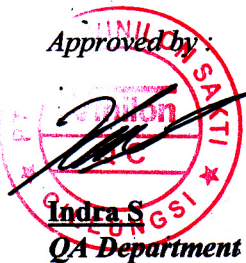
VLG/QC/F/44 Rev.00 15/03/24

Product Standart : SNI 4829.2:2015

Product : Pipa HDPE SDR 17 PN 10 Ø 63 mm

<i>DIMENSION</i>	<i>UNIT</i>	<i>LIMIT</i>	<i>VALUE</i>
Outside diameter	mm	63.0 – 63.4	63.3
Thickness	mm	3.80 – 4.30	4.00 – 4.30
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	-	24.9
Elongation at break	%	≥ 350	905.09
Longitudinal reversion	%	≤ 3	1.77
Change of MFR by processing	%	± 20	18.9

Approved by:



Indra S
 QA Department

Tensile & Elongation Test Report

Date 02/07/2025

Time 01:30:22

Company Information

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

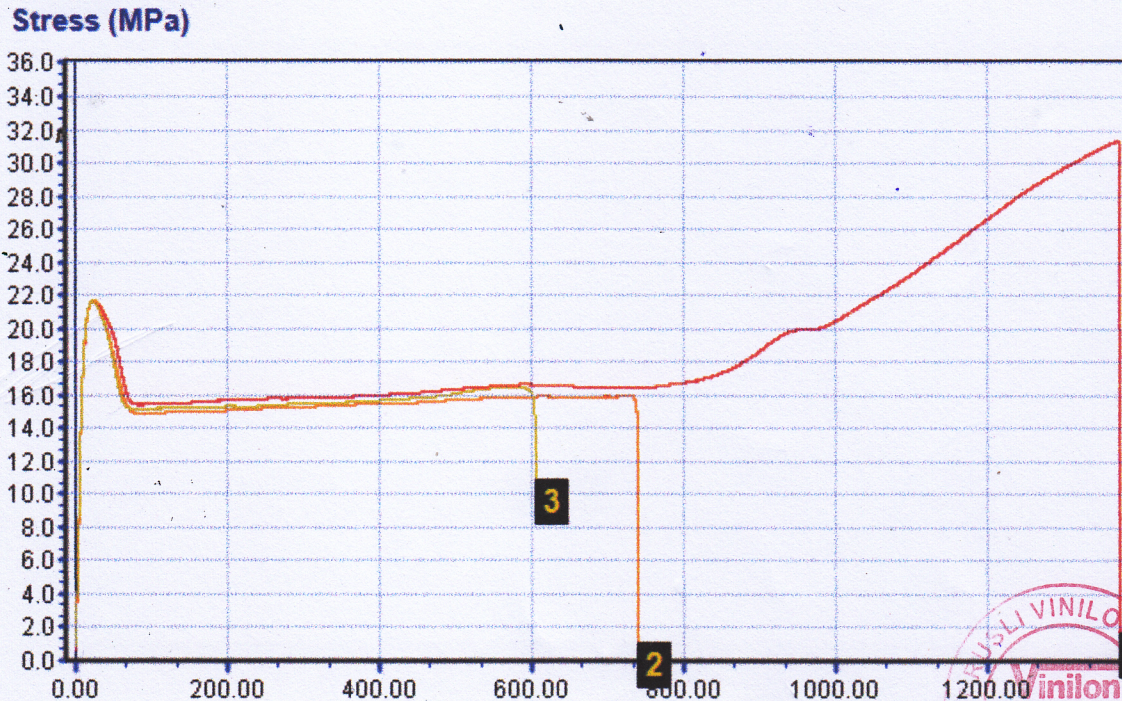
Specification

Test Item	PE AIR SDR 17 Ø 63 mm	Tester	Usman - 3C
Test Speed	100 mm/min	Test Date	2025-07-02
Gauge Length	25 mm	Batch Prod.	2025-07-01 / M5
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	4.10	6.60	848	31.3	1371.39
2	4.30	6.50	606	21.7	739.07
3	4.00	6.60	571	21.6	604.80
Mean	4.13	6.57	675	24.9	905.09

Graph



PT. RUSLI VINILON SAKTI

JL. RAYA NAROGONG KM 15.5
LIMUS NUNGGAL, CILEUNGSI
BOGOR

Product details

Test number 250702
Description PE AIR SDR 17 Ø 63 mm Black
Production no. 250701 - M5
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 Usman - 3C
Station 15
Set Pressure 6,90 [bar]
Hysterisis 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 0:01 hours

Pressure Test Temperature

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

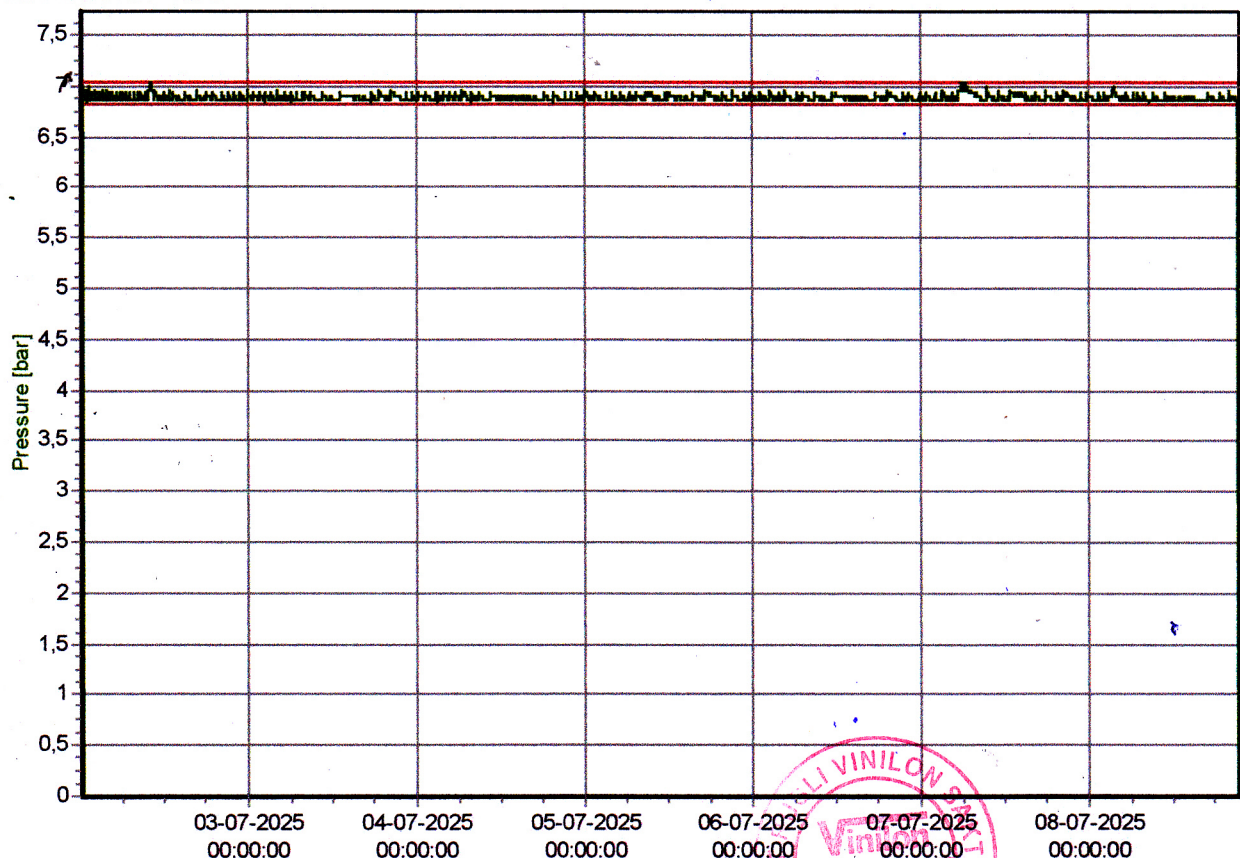
Test comments

hasil test ok

Dates

Start date of test 02-07-2025 00:19
End date of test 08-07-2025 21:23
Date of print 08-07-2025 22:16:30

Complete Test View



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

Test approved by

Date/..../....

