

NATIONAL LABORATORY

For Soil and Building Materials

Dubai & Abu Dhabi Branch



المختبر الوطني

لفحص التربة ومواد البناء

دبي وفرع أبوظبي

REPORT ON TENSILE STRENGTH OF UPVC PIPE

Contractor		NL Report No	2219102
Client	ADS Marley UAE	Report Date	14/09/2022
Consultant		NL Project no.	LAB/0725/22
Project Name		NL TR No	060922008
Project Location		Date Received	06/09/2022
Sample Description	4" Diameter UPVC Pipe	Lot No.	Not Provided
Project No.	M2390	Test Relative Humidity	50%
No. of Samples Tested	5	Sample No.	0609220092/2
Source/Supplier	ADS Marley UAE	Date of Test Start	12/09/2022
Sample Brought By	ADS Marley UAE	Date of Test Completed	13/09/2022
Test Room Temperature	23°C	Tested By	SC
Test Method	ISO 6259-2:2020	Checked By	AN

Test Data:

Test Speed :

5mm/Min

Type of Test Piece :

Dumbell

Specimen No.	Width (mm)	Thickness (mm)	Maximum Load At Failure (N)	Tensile Strength (N/mm ²)	Elongation (%)
1	6.01	3.45	562.82	27.14	26
2	6.02	3.46	587.19	28.19	27
3	6.00	3.45	614.76	29.69	28
4	6.02	3.44	626.21	30.23	28
5	6.02	3.46	588.47	28.25	27
Average			595.89	28.70	27

Remarks: None

Method Variation : None



Authorized Signatory

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