



# TEST REPORT

98, Gyoyukwon-ro, Gwacheon-si, Gyeonggi-do, 13810, Korea

TEL 82-31-499-5380

FAX 82-31-499-6867

Report No : TAK-2025-087444

Receipt Date : 2025.06.19.

Representative : Se-Hong, Min, Yeong-Seok, Yang, Woo-Jin, Kim

Test Completion Date : 2025.07.01.

Company name : DONGIL-STEEL MFG.Co.,Ltd

Address : #1F-1ho, 474-40, Anseongmatchum-Daero, Miyang-Myeon, Anseong-si, Gyeonggi-do, Korea

Sample name : PC Prestressing strand 7/9.5mm(SWPC7BL)

## Test Results

| TEST ITEM                                                   | UNIT            | SAMPLE | RESULT | TEST METHOD    |
|-------------------------------------------------------------|-----------------|--------|--------|----------------|
| Maximum force                                               | kN              | -      | 104    | KS D 7002:2019 |
| 0.2% Proof force                                            | kN              | -      | 94.4   | KS D 7002:2019 |
| Elongation                                                  | %               | -      | 5.4    | KS D 7002:2019 |
| Maximum Diameter                                            | mm              | -      | 9.6    | KS D 7002:2019 |
| Minimum Diameter                                            | mm              | -      | 9.6    | KS D 7002:2019 |
| Uniform Pitch                                               | times           | -      | 14     | KS D 7002:2019 |
| Difference Between Center Wire Diameter And Diameter Of Any | mm              | -      | 0.11   | KS D 7002:2019 |
| Unit Weight                                                 | kg/km           | -      | 435    | KS D 7002:2019 |
| Cross section area                                          | mm <sup>2</sup> | -      | 55.28  | KS D 7002:2019 |

- Cross section area (The result is calculated as The sum of The sectional areas at The individual wires.)

- Usage of Report : QUALITY CONTROL

- Next Page -

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Tel : 1577-0091(ARS ①-④)

2025.07.01

## Korea Testing & Research Institute

President *Kim Hyun cheol*



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| TEST ITEM | UNIT | SAMPLE | RESULT | TEST METHOD |
|-----------|------|--------|--------|-------------|
|-----------|------|--------|--------|-------------|

- End of Report -

- Note :
1. The test results of this test report are only limited in to the samples and sample names provided by the client and do not guarantee the quality of all products of the client. You Can check website ([www.ktr.or.kr](http://www.ktr.or.kr)) or QR code to verify the authenticity of the certificate.
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  3. This test report is only valid when printed on KTR original report paper with hologram and when re-issued by KTR. The copy and the electronic file of the test report are only for reference.

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