

## 产品质量证明书

## QUALITY CERTIFICATE

证书日期: 2024.1.16

证书编号: TRSLI240108 4/4

|                                          |                                     |                                              |
|------------------------------------------|-------------------------------------|----------------------------------------------|
| 产品名称: 预应力钢绞线<br>(Product) PC Strand      | 执行标准: (Standard)<br>ASTM A416M-2018 | 结构: 1×7<br>(Structure) 1X7                   |
| 公称直径: 15.24mm<br>(Diameter) 15.24mm      | 强度级别: 1860 MPa<br>(Tensile Grade)   | 钢号: 82B<br>(Steel Grade) 82B                 |
| 捻向: 左捻<br>(Direction of Strand lay) left | 松弛级别: II<br>(Relax.Grade) II        | 合同号: TRSLI240108<br>(Contract) TRSLI240108   |
| (Importer): <b>PRODALAM SA</b>           |                                     | 件数: 64<br>(Coils) 64                         |
|                                          |                                     | 净重量: 213.236Tons<br>(Net Weight):213.236Tons |

## 试验报告 (Test Report)

| 序号<br>No. | 盘卷号<br>Coil No. | 直径<br>Diameter<br>mm | 横截面积<br>Cross<br>Section<br>Area(mm2) | 破断负荷<br>Breaking<br>Load<br>kN | 10%屈服力<br>Minimum<br>LoadAt10%<br>Extension kN | 伸长率<br>Elongation<br>(Lo>600mm)<br>% | 1000 小时<br>松弛值<br>Relax.Value<br>at 1000h. | 弹性模量<br>Modulus of<br>Elasticity<br>GPa | 重量<br>Net<br>Weight<br>kg | 长度<br>Length<br>m |
|-----------|-----------------|----------------------|---------------------------------------|--------------------------------|------------------------------------------------|--------------------------------------|--------------------------------------------|-----------------------------------------|---------------------------|-------------------|
| 49        | 24010538-3      | 15.24                | 140                                   | 272.5                          | 255.1                                          | 7.3                                  | ≤1.5                                       | 200                                     | 3250                      | 2949              |
| 50        | 24010538-4      | 15.24                | 139                                   | 269.4                          | 251.0                                          | 7.0                                  |                                            | 193                                     | 3248                      | 2947              |
| 51        | 24010538-7      | 15.24                | 140                                   | 273.3                          | 254.2                                          | 7.4                                  |                                            | 195                                     | 3250                      | 2949              |
| 52        | 24010637-4      | 15.24                | 141                                   | 271.3                          | 251.6                                          | 7.1                                  |                                            | 199                                     | 3448                      | 3128              |
| 53        | 24010539-1      | 15.24                | 140                                   | 269.6                          | 250.9                                          | 6.9                                  |                                            | 194                                     | 3466                      | 3145              |
| 54        | 24010539-2      | 15.24                | 139                                   | 269.6                          | 250.9                                          | 6.9                                  |                                            | 194                                     | 3462                      | 3141              |
| 55        | 24010539-7      | 15.24                | 140                                   | 269.9                          | 254.3                                          | 6.8                                  |                                            | 199                                     | 3252                      | 2950              |
| 56        | 24010539-6      | 15.24                | 140                                   | 267.9                          | 250.1                                          | 6.9                                  |                                            | 195                                     | 3250                      | 2949              |
| 57        | 24010538-5      | 15.24                | 140                                   | 269.4                          | 251.0                                          | 7.0                                  |                                            | 193                                     | 3246                      | 2945              |
| 58        | 24010538-6      | 15.24                | 139                                   | 269.4                          | 251.0                                          | 7.0                                  |                                            | 193                                     | 3248                      | 2947              |
| 59        | 24010540-2      | 15.24                | 140                                   | 267.4                          | 250.9                                          | 6.3                                  |                                            | 193                                     | 3266                      | 2963              |
| 60        | 24010541-2      | 15.24                | 141                                   | 269.1                          | 250.3                                          | 7.1                                  |                                            | 198                                     | 3476                      | 3154              |
| 61        | 24010541-8      | 15.24                | 140                                   | 267.4                          | 248.1                                          | 7.3                                  |                                            | 195                                     | 3264                      | 2961              |
| 62        | 24010639-4      | 15.24                | 141                                   | 271.0                          | 254.1                                          | 6.8                                  |                                            | 197                                     | 3466                      | 3145              |
| 63        | 24010639-5      | 15.24                | 140                                   | 271.0                          | 254.1                                          | 6.8                                  |                                            | 197                                     | 3464                      | 3143              |
| 64        | 24010653-5      | 15.24                | 140                                   | 267.9                          | 250.1                                          | 6.9                                  |                                            | 195                                     | 3250                      | 2949              |

应力松弛率 (Stress relaxation): 在初始负荷相当于公称最大力 70%的条件下, 测试 200 小时并外推 1000 小时松弛率为 1.5%。

(Equivalent to a nominal 70% in the most vigorous terms, test 200hours and 1000 hours relaxation extrapolation was 1.5% in the initial load)

制表人: Sally  
Typer:

质检主管签字: [Signature]  
Quality Inspection Director

质检部门章: [Stamp]  
Quality Inspection Dept.

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