



**QINGDAO GLOBAL OVERSEAS IMP&EXP CO., LTD**

Add: 4N Donghai Int'l Building, No.17 Huiquan Road, Qingdao, China

**MILL TEST CERTIFICATE**

**Customer:** PRODALAM S.A.  
**Commodity:** PRESTRESSED CONCRETE STRAND  
**Nominal Diameter:** 15.24MM  
**Standard:** ASTM A416/A416M-15  
**Production Licence No:** XK 05-003-00098  
**Page No:** 1/6  
**Inspection Date:** SEP.23, 2022  
**Invoice No:** PCLPY2201C  
**Container No.** CMAU1676885



| Mark on Coil | Coil No.  | Dia MM | Section Area (mm <sup>2</sup> ) | Breaking Load (kN) | Tensile Strength MPA | 1%Extension Yield Load (kN) | Yield Strength MPA | Elongation (%) | Modules of Elasticity GPA | Length Approx. Meter | Coil Weight KGS |
|--------------|-----------|--------|---------------------------------|--------------------|----------------------|-----------------------------|--------------------|----------------|---------------------------|----------------------|-----------------|
| 1            | 2209372-1 | 15.29  | 141.02                          | 280.8              | 2006                 | 254.7                       | 1819               | 5.3            | 199.2                     | 3058                 | 3408            |
| 1            | 2209374-1 | 15.33  | 141.53                          | 277.2              | 1980                 | 258.0                       | 1843               | 5.2            | 190.2                     | 3063                 | 3414            |
| 1            | 2209374-2 | 15.33  | 141.53                          | 277.5              | 1982                 | 252.7                       | 1805               | 5.5            | 191.2                     | 3065                 | 3416            |
| 1            | 2209377-6 | 15.29  | 141.15                          | 279.9              | 1999                 | 251.9                       | 1799               | 5              | 192.9                     | 3135                 | 3494            |
| 1            | 2209378-4 | 15.31  | 141.40                          | 281.4              | 2010                 | 261.3                       | 1866               | 5.4            | 194.4                     | 3070                 | 3422            |
| 1            | 2209378-5 | 15.31  | 141.40                          | 281.4              | 2010                 | 259.2                       | 1851               | 5.3            | 194.1                     | 3072                 | 3424            |
| 1            | 2209378-6 | 15.31  | 141.40                          | 281.0              | 2007                 | 260.1                       | 1858               | 5.3            | 198.6                     | 3068                 | 3420            |
| 1            | 2209379-4 | 15.32  | 141.66                          | 280.2              | 2001                 | 264.6                       | 1890               | 4.7            | 198.5                     | 2659                 | 2966            |

**Filled by :Zhangchunting**

**Approved by : Shenyingxiang**