



天瑞钢铁有限公司

TIANRUI STEEL CO., LIMITED

产品质量证明书

QUALITY CERTIFICATE

证书日期: 2025.2.17

证书编号: TRSLI250206 2/2

产品名称: 预应力钢绞线 (Product) PC Strand	执行标准: (Standard) ASTM A416M-2018	结构: 1×7 (Structure) 1X7
公称直径: 15.24mm (Diameter) 15.24mm	强度级别: 1860 MPa (Tensile Grade)	钢号: 82B (Steel Grade) 82B
捻向: 左捻 (Direction of Strand lay) left	松弛级别: II (Relax. Grade) II	合同号: TRSLI250206 (Contract) TRSLI250206
(Importer): PRODALAM SA	件数: 36 (Coils) 36	净重量: 107.706Tons (Net Weight): 107.706Tons

试验报告 (Test Report)

序号 No.	盘卷号 Coil No.	直径 Diameter mm	破断负荷 Breaking Load kN	1.0屈服力 Minimum Load At 1.0% Extension kN	伸长率 Elongation (Lo ≥ 600mm) %	1000小时 松弛值 Relax. Value at 1000h.	弹性模量 Modulus of Elasticity GPa	重量 Net Weight kg	长度 Length m
19	2502302-4	15.24	270.1	246.8	5.0	≤2.5	197.1	3162	2832
20	2502302-5	15.24	269.8	247.1	5.0	≤2.5	196.2	3162	2832
21	2502302-6	15.24	271.2	247.8	5.2	≤2.5	195.5	3144	2816
22	2502303-1	15.24	270.6	246.6	5.2	≤2.5	192.3	3158	2842
23	2502303-2	15.24	271.2	243.4	5.2	≤2.5	192.1	3158	2842
24	2502304-7	15.24	270.4	244.8	5.4	≤2.5	193.2	2988	2695
25	2502305-1	15.24	272.4	250.4	5.2	≤2.5	198.6	2726	2451
26	2502305-2	15.24	271.0	246.8	5.0	≤2.5	192.7	2728	2452
27	2502305-3	15.24	271.6	247.2	5.5	≤2.5	195.8	2726	2451
28	2502303-3	15.24	271.4	244.8	5.3	≤2.5	191.8	3158	2842
29	2502303-4	15.24	270.9	242.5	5.1	≤2.5	191.2	3156	2840
30	2502303-5	15.24	271.6	245.8	5.2	≤2.5	197.4	3156	2840
31	2502305-4	15.24	271.3	245.9	5.3	≤2.5	194.5	2728	2452
32	2502305-5	15.24	271.1	245.7	5.0	≤2.5	195.6	2728	2452
33	2502305-6	15.24	271.5	246.8	5.1	≤2.5	196.6	2728	2452
34	2502305-7	15.24	271.9	245.9	5.4	≤2.5	199.9	2982	2682
35	2502306-1	15.24	274.2	247.6	5.1	≤2.5	195.8	3372	3033
36	2502307-2	15.24	272.6	253.4	5.0	≤2.5	196.2	2926	2629

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 2.5%。

(Equivalent to a nominal 70% in the most vigorous terms, test 200 hours and 1000 hours relaxation extrapolation was 2.5% in the initial load)

制表人: *Samy*
Typer:

质检主管签章:
Quality Inspection Dept. Director

质检部门章:
Quality Inspection Dept.

地址: 天津市北辰区小淀镇温东五支路2号 Tel (Fax): 86335-3069368 Email: market@tianruisteel.com
Add: Beichen District of Xiaodian Town of Wai Road East Industrial Zone II Road, South of Tianjin