



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 1/2

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
1	2410332-4	15.24	268.8	248.0	5.1	≤2.5	198.5	2922	2626
2	2412411-4	15.24	273.0	246.6	5.1	≤2.5	193.8	3172	2847
3	2502301-3	15.24	272.6	252.4	5.3	≤2.5	196.0	3166	2836
4	2502301-4	15.24	272.8	250.7	5.1	≤2.5	198.6	3168	2838
5	2502301-5	15.24	272.4	252.6	5.0	≤2.5	194.8	3168	2838
6	2502303-6	15.24	271.8	246.4	5.3	≤2.5	195.8	2704	2431
7	2502304-1	15.24	269.2	245.8	5.2	≤2.5	194.8	2708	2441
8	2502307-3	15.24	270.3	249.0	5.2	≤2.5	196.6	2926	2629
9	2502307-4	15.24	270.6	248.2	5.5	≤2.5	199.8	2926	2629
10	2502301-1	15.24	273.8	253.8	5.3	≤2.5	192.9	3394	3041
11	2502301-6	15.24	273.0	251.4	5.3	≤2.5	192.1	3244	2906
12	2502302-1	15.24	272.1	249.3	5.3	≤2.5	191.3	3388	3036
13	2502302-2	15.24	272.2	250.1	5.1	≤2.5	194.3	2940	2632
14	2502302-3	15.24	270.6	247.4	5.1	≤2.5	197.4	3162	2832
15	2502304-3	15.24	271.4	246.6	5.3	≤2.5	199.5	2708	2441
16	2502304-4	15.24	271.2	247.1	5.5	≤2.5	191.4	2708	2441
17	2502304-5	15.24	271.9	250.1	5.2	≤2.5	192.6	2708	2441
18	2502304-6	15.24	271.2	249.2	5.1	≤2.5	195.8	2708	2441

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)

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