

TEST REPORT

TEST NAME SUPFLEX ANCHOR BAR TENSILE TEST

CONSIGNMENT UNIT SUPFLEX PONTOON MOORING SYSTEMS INC.

UNDERTAKE UNIT EXPERIMENTAL CENTRE OF ENGINEERING MECHANICS

VERIFICATION

EXAMINE AND APPROVE

DATE OF TEST



The stamp is circular and contains the Chinese characters '上海交通大学' (Shanghai Jiao Tong University) around the perimeter. Inside the circle, there is a signature and the characters '力学实验中心' (Mechanics Experimental Center). A horizontal line is drawn across the middle of the stamp.

April 12, 2004.

TEST REPORT OF ENGINEERING MECHANICS EXPERIMENTAL CENTRE

CONSIGNMENT UNIT: SUPFLEX PONTOON MOORING SYSTEMS INC.
TEST CONTENT: SUPFLEX ANCHOR BAR TENSILE TEST
TEST EQUIPMENT: ZWICK/ROELL MATERIALS TESTING MACHINES
 TEST LOAD IN TENSILE/COMPRESSION $\pm 50\text{KN}/1\text{KN}$
 KLASSE: $\pm 0.5\%$.

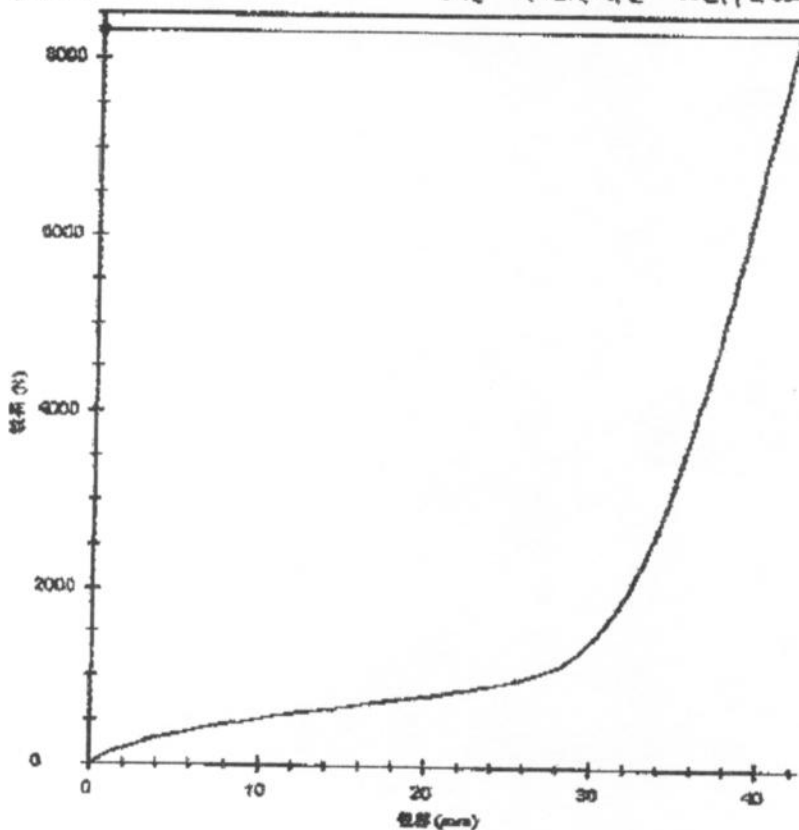
TEST REQUIREMENT: WHEN THE TEST SPEED IS 0.5mm/s , TWO SAMPLE OF ANCHOR BAR EVERY 6 HOURS UNDER THE CONDITION OF 8.3kN TEST LOAD IN TENSILE AND REPORT THE COEFFICIENT OF EXTENSION OF THE MIDDLE RUBBER JOINT

TEST RESULT: No.1-2. UNBREAK UNDER THE TENSION LOAD 8.3KN EVERY SIX HOURS

SAMPLE NO 1: (first time) THE AVERAGE COEFFICIENT OF EXTENSION IS 55.77% .

THE AVERAGE COEFFICIENT OF EXTENSION IS 54.60% .

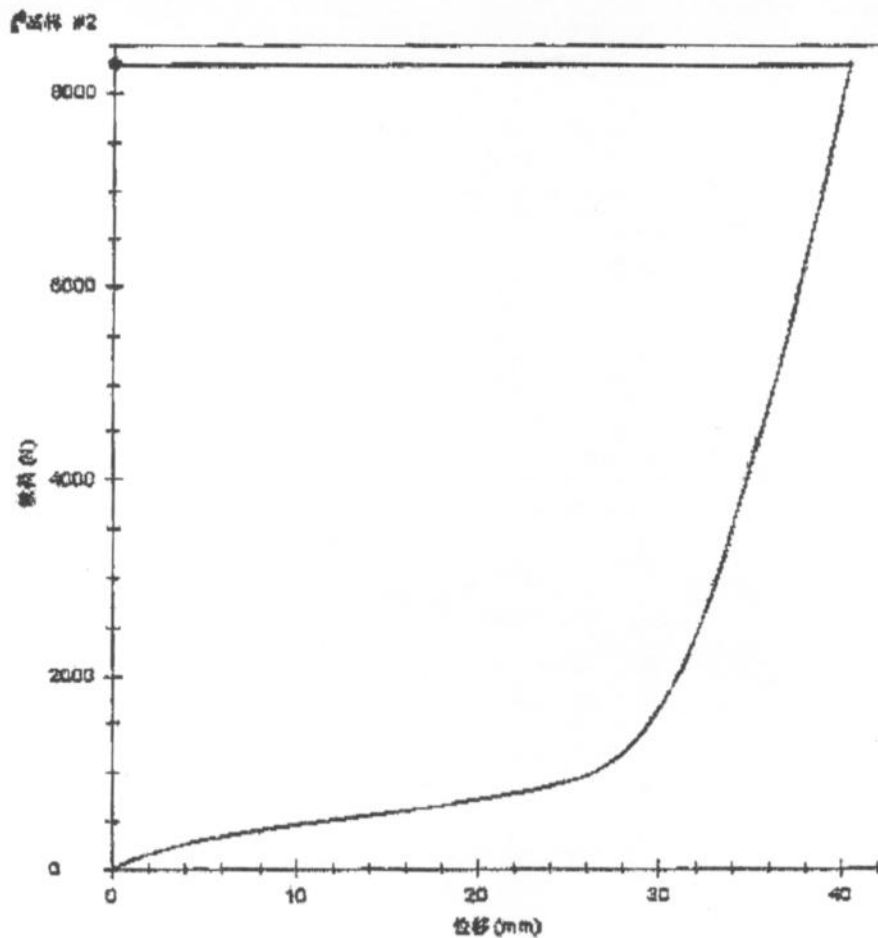
FIGURE #1



| | |
|----|---------|
| AP | Run |
| 1 | 0298.00 |

Handwritten signature

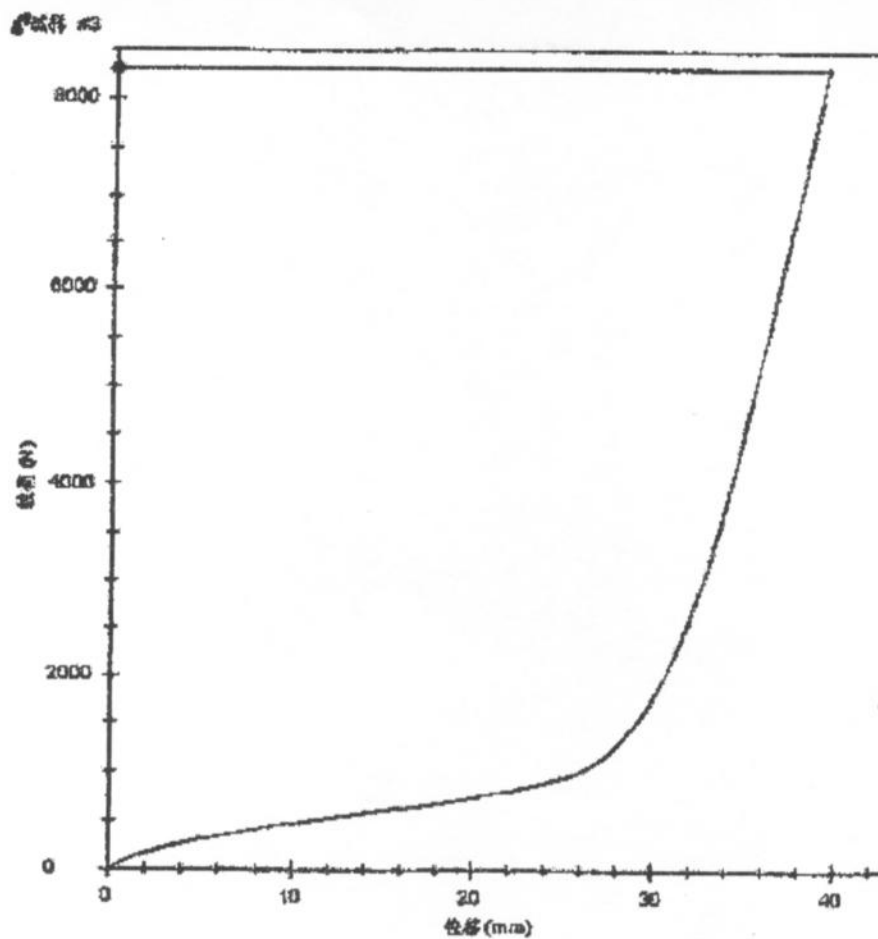
| The original length of the rubber joint L_0 | Extension of the rubber joint ΔL | Coefficient of extension |
|---|--|--------------------------|
| 71.00mm | 42.03mm | 59.20% |



| Nr | Rm |
|----|---------|
| 3 | 8294.80 |

| The original length of the rubber joint L_0 | Extension of the rubber joint ΔL | Coefficient of extension |
|---|--|--------------------------|
| 73.40mm | 40.48mm | 55.15% |

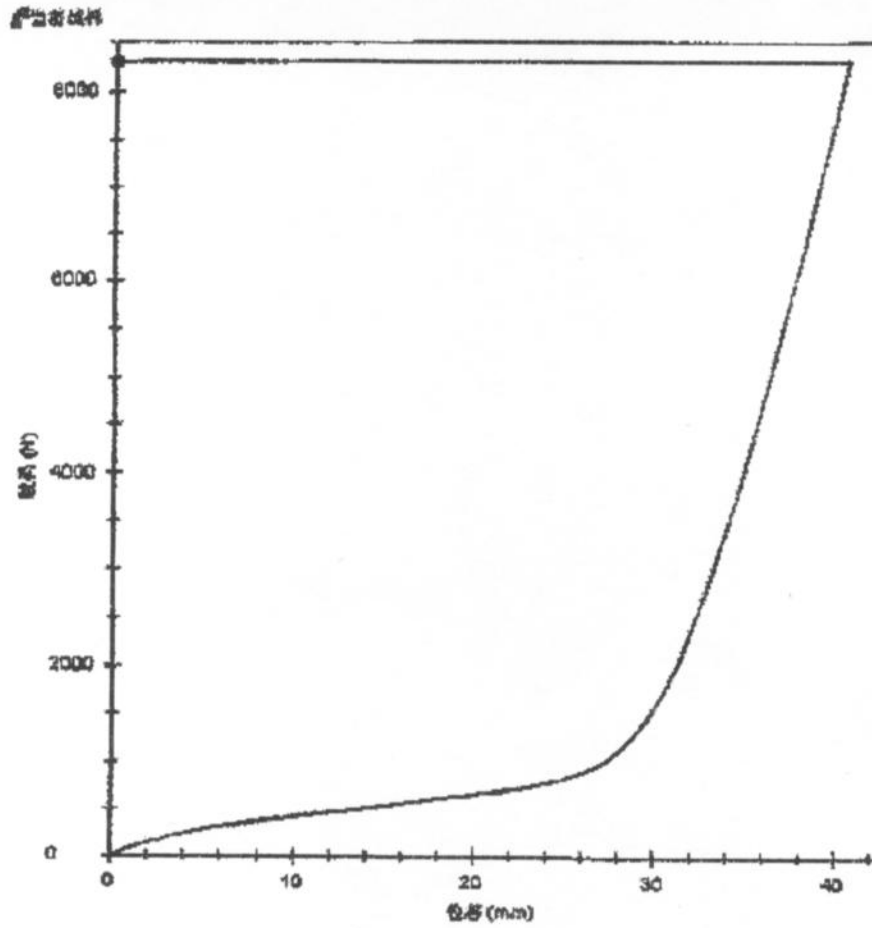
SAMPLE NO 1: (third time)



| | |
|----|---------|
| Nr | Form |
| 3 | 0395-16 |

| The original length of the rubber joint L_0 | Extension of the rubber joint ΔL | Coefficient of extension |
|---|--|--------------------------|
| 73.48mm | 39.48mm | 53.73% |

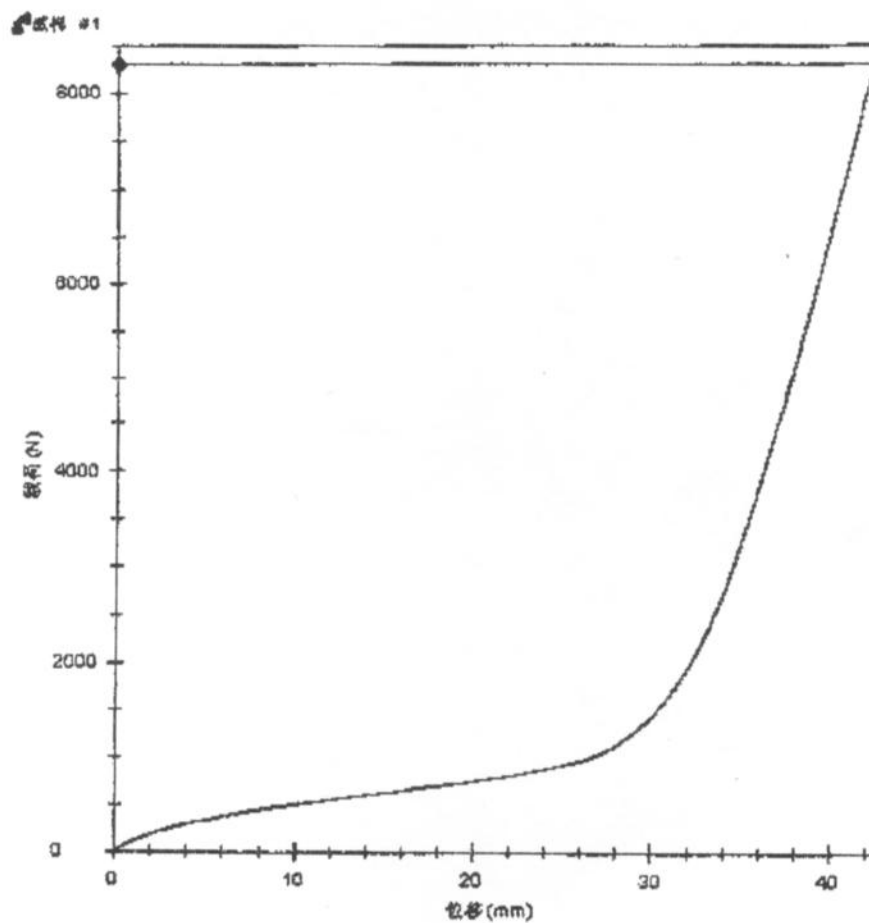
SAMPLE NO 1: (forth time)



| | |
|-----------|-----|
| Mr | For |
| N | N |
| 1 1258.00 | |

| The original length of the rubber joint L_0 | Extension of the rubber joint ΔL | Coefficient of extension |
|---|--|--------------------------|
| 73.90mm | 40.65mm | 55.00% |

SAMPLE NO 2: (first time)

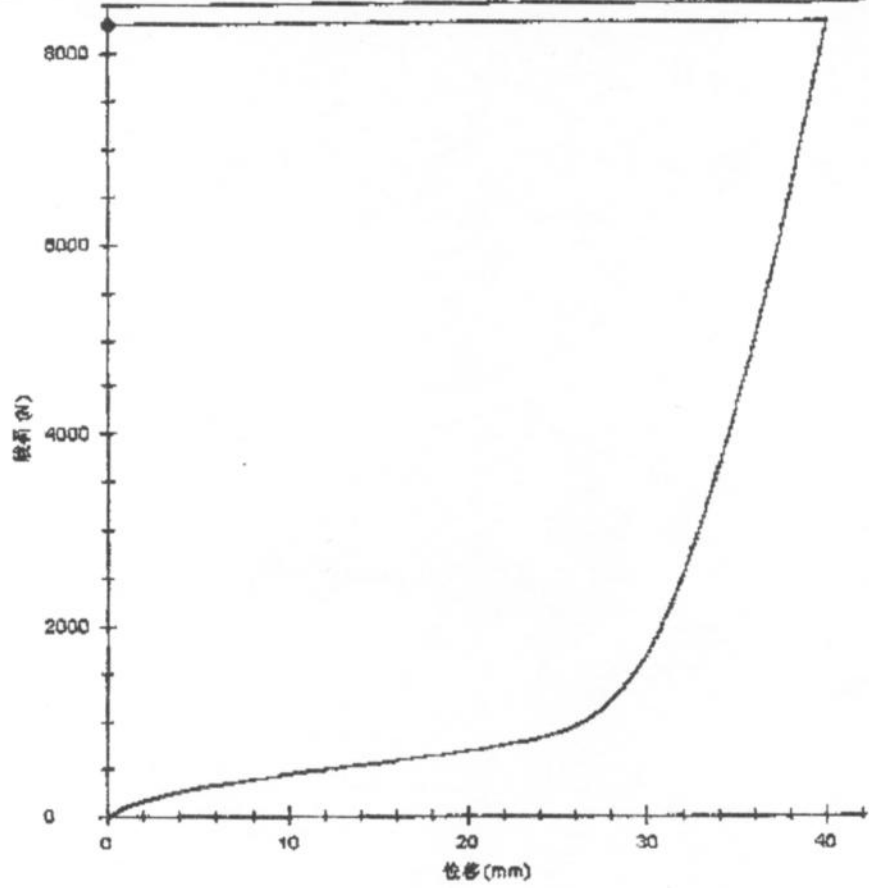


| | |
|----|---------|
| Nr | Rm N |
| 1 | 3297.10 |

| The original length of the rubber joint L_0 | Extension of the rubber joint ΔL | Coefficient of extension |
|---|--|--------------------------|
| 72.00mm | 42.37mm | 58.85% |

試件 #2

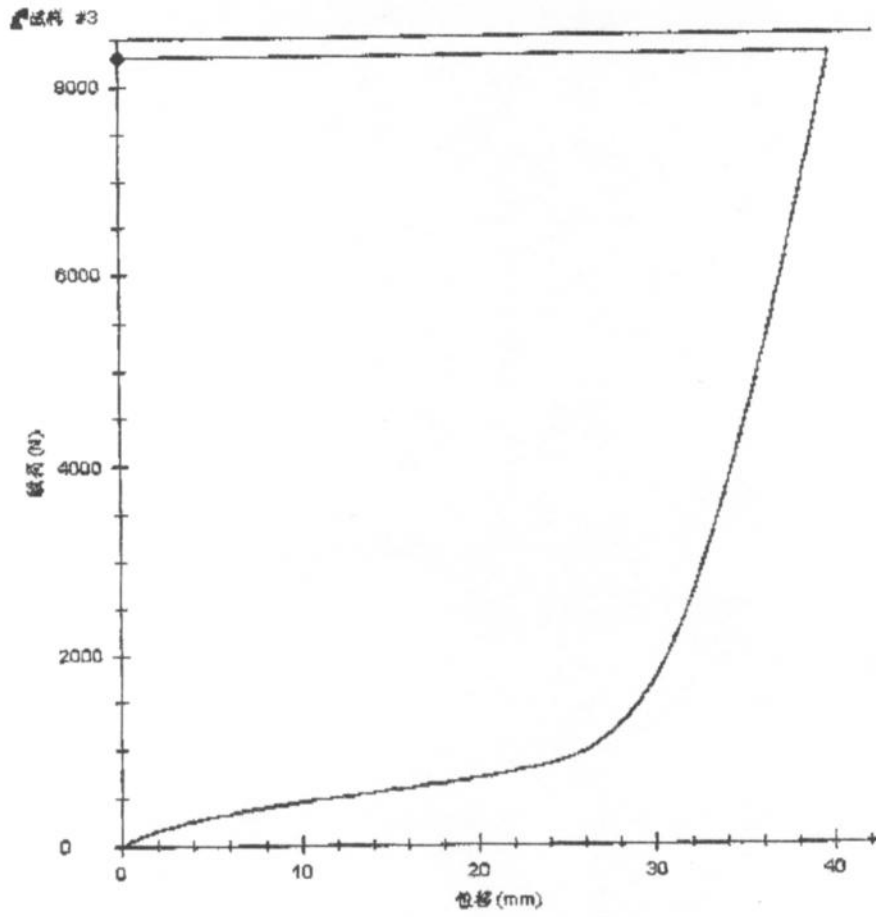
| | |
|----|---------|
| Nr | Rm N |
| 2 | 8295.24 |



| The original length of the rubber joint L_0 | Extension of the rubber joint ΔL | Coefficient of extension |
|---|--|--------------------------|
| 75.00mm | 40.05mm | 53.40% |

17

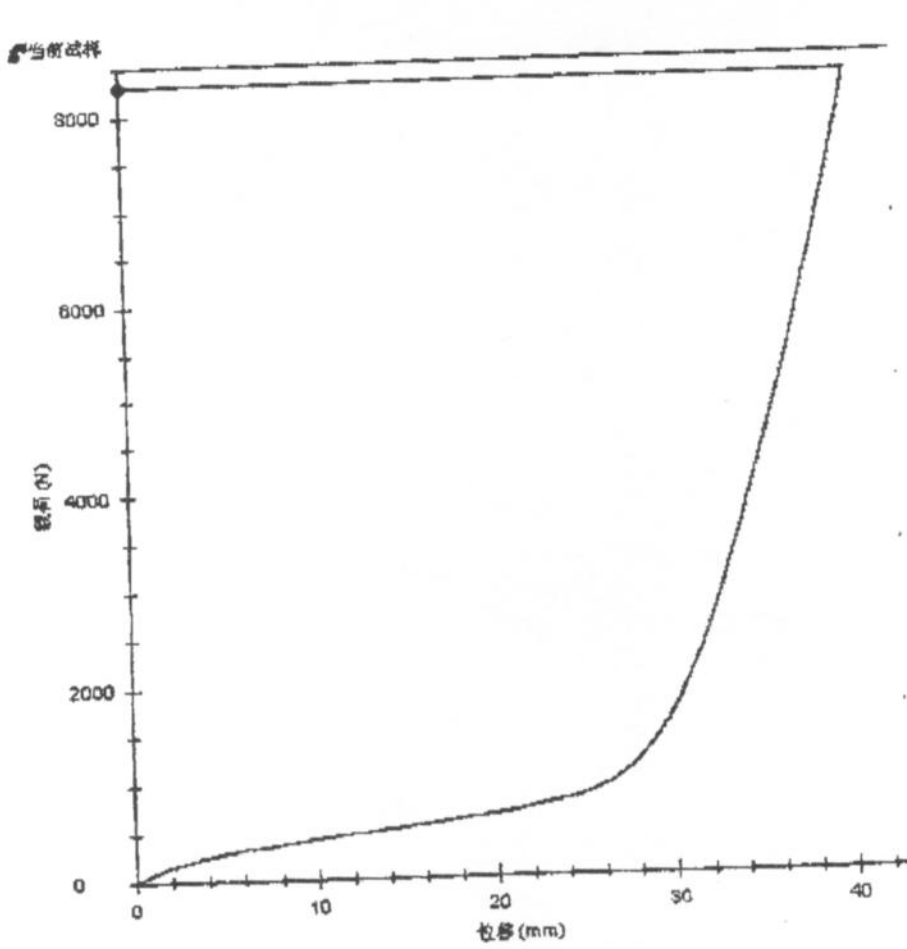
SAMPLE NO 2: (third time)



| | |
|----|---------|
| Nr | Rm |
| 3 | 3297.19 |

| The original length of the rubber joint L_0 | Extension of the rubber joint ΔL | Coefficient of extension |
|---|--|--------------------------|
| 75.30mm | 39.86mm | 52.93% |

SAMPLE NO 2: (forth time)

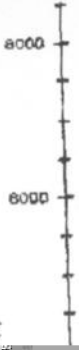


| | |
|-------|---------|
| F_r | F_m |
| | N |
| + | 6286.58 |

| The original length of the rubber joint L_0 | Extension of the rubber joint ΔL | Coefficient of extension |
|---|--|--------------------------|
| 75.30mm | 40.08mm | 53.23% |

THE FIRST SAMPLE EVERY SIX MONTHS.
 THE GRAPH OF THE FORSE-EXTENSION (FOUR TIMES).
 UNDER THE TENSILE LOAD 8.3kN, THE AVERAGE COEFFICIENT OF EXTENSION IS 55.77%.

№ 44



| Nr | Rm N | 日期 |
|----|---------|------------|
| 1 | 8295.58 | 2004-04-05 |
| 2 | 8234.80 | 2004-04-05 |
| 3 | 8205.49 | 2004-04-05 |
| 4 | 8286.04 | 2004-04-05 |

| 序列 N = 4 | Rm N |
|-------------|---------|
|-------------|---------|