



XD-MSM INVARIABLY SPEED FRICTION TESTING MACHANISM REPORT

| | | | | | |
|-----------------|--|----------------------|-------------|---------------------------|-----------------|
| Name | Asbestos free woven brake block with resin | | | Type | 650Blocks. NO.2 |
| Press P | 0.98Mpa | Allelomorph | HT250/HB203 | Test Equipment | DSL-018 |
| Test No. | First Time | Test Standard | GB5763-2008 | Indoor Temperature | 29℃ |

| No. | Test Items | Unit | Test Results | | |
|-----|-------------------------|--------------------------------|--------------|---------|----|
| | | | Warming | Cooling | |
| 1 | Coefficient of friction | μ | | | |
| | 100℃ | — | 0.53 | 0.60 | OK |
| | 150℃ | — | 0.58 | 0.59 | OK |
| | 200℃ | — | 0.58 | 0.48 | OK |
| | 250℃ | — | 0.21 | 0.13 | — |
| | 300℃ | — | 0.08 | 0.07 | — |
| 2 | Wear rate | $10^{-7}\text{cm}^3/\text{Nm}$ | | | |
| | 100℃ | — | 0.24 | | OK |
| | 150℃ | — | 0.22 | | OK |
| | 200℃ | — | 0.16 | | — |
| | 250℃ | — | 0.45 | | — |
| | 300℃ | — | 0.88 | | — |
| 3 | Tolerance | | Warming | Cooling | |
| | 100℃ | — | + 0.02 | + 0.02 | OK |
| | 150℃ | — | + 0.03 | - 0.03 | OK |
| 4 | Appearance quality | | Good | | |

TESTER: LONG LI

AUDITING: LIU JING

TEST DATE: 2011.12.08