

## TEST REPORT

MATERIAL : FFKM 75 BLACK HIGH TEMPERATURE 300°C

COMPOUND NO. : 9630B

### A)PHYSICAL PROPERTIES:

PRESS CURE @188 DEGREE C X 15 MIN

POST CURE 16hrs@200c,4hrs@230c,4hrs@250c,16hrs@270c

HARDNESS, PTS 硬度

TENSILE STRENGTH, Mpa 拉力强度

ELONGATION, % 延伸率

### REQUIREMENTS TEST RESULT

|        |      |
|--------|------|
| 75+/-5 | 71   |
| 11     | 14.7 |
| 125    | 153  |

### B)COMPRESSION SET 压缩永久变形试验

HEAT AGING @ 200 DEGREE CX 22 HRS %

HEAT AGING @ 200 DEGREE CX 70 HRS %

HEAT AGING @ 250 DEGREE CX 70 HRS %

HEAT AGING @ 275 DEGREE CX 70 HRS %

|     |    |
|-----|----|
| 25  | 16 |
| --- | 19 |
| --- | 22 |
| --- | 25 |

### C)HEAT AGING @ 300 DEGREE C X 70 HRS 老化试验

HARDNESS CHANGE , POINTS 硬度变化

TENSILE STRENGTH CHANGE , % 拉力强度变化率

ELONGATION CHANGE , % 延伸率变化率

|       |       |
|-------|-------|
| +/-15 | +1    |
| +/-30 | -6.1  |
| -50   | +11.1 |

### D) FLUID RESISTANCE,TEST METHOD NO.903OIL @150DEGREE C X 70H 耐 903#油试验

VOLUME CHANGE, % 体积变化

|     |       |
|-----|-------|
| +10 | +0.54 |
|-----|-------|

NOTE: THE ABOVE TEST WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.  
THIS COMPOUND EKRAZ 9630B CAN MEET ASTM D2000 PERFLUOROELASTOMER  
REQUIREMENT.

QC.Manager: Grace Chen

QC.Dept: Dolly Zhou

Test by: QC08