



# ESCORT SEAL

*The Manufacturer of Sealing Parts*

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## 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, SHORE A

TENSILE STRENGTH, Mpa,min

ELONGATION, %,min

### REQUIREMENTS TEST RESULT

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

### B)COMPRESSION SET

HEAT AGING @ 200 DEGREE CX 22 HRS % ,max

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

HARDNESS CHANGE , POINTS

TENSILE STRENGTH CHANGE , %

ELONGATION CHANGE , %

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

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

VOLUME CHANGE, %

|     |    |
|-----|----|
| +10 | +1 |
|-----|----|

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

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Test by: QC08