



ESCORT SEAL

The Manufacturer of Sealing Parts

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TEST REPORT

MATERIAL SIL90 DURO RED COMPOUND NO. :S9001R

A)PHYSICAL PROPERTIES

PRESS CURE @170 DEGREE C X 10MIN)

POST CURE @200 DEGREE C X 4HRS

HARDNESS ,SHORE A

TENSILE STRENGTH, MPa, min

ELONGATION, % ,min

SPECIFIC GRAVITY

REQUIREMENTS

TEST RESULT

90+/-5

94

3 . 0

8 . 0

50

63

1.238

B) HEAT RESISTANCE @225 DEGREE C X 70 HRS

HARDNESS CHANGE, PTS

+10

+3

TENSILE STRENGTH CHANGE, %

-25

-15

ELONGATION CHANGE, %

-30

-5

C)COMPRESSION SET:

PRESS CURE @170 DEGREE C X 20MIN)

POST CURE @200 DEGREE C X 4HRS

HEAT AGING @175 DEGREE C X 22 HRS ,max

30

14

E) ASTM NO. 1 OIL: @150 DEGREE C X 70 HRS

HARDNESS CHANGE, POINTS

0~-15

-3

TENSILE STRENGTH CHANG, %

-20

-11

ELONGATION CHANGE, %

-20

+24

VOLUME CHANGE, %

0~+10

+7

F) ASTM NO. 3 OIL: @150 DEGREE C X 70 HRS

HARDNESS CHANGE, PTS

-40

-10

VOLUME CHANGE, %

+60

+23

NOTE:THE ABOVE TEST WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY
THIS COMPOUND S9001R CAN MEET ASTM D2000 M6GE903 A19 B37 EO16 EO36.

QA Manager: Grace Chen

QC.Dept:Dolly Zhou

Test by:QC08