



ESCORT SEAL

The Manufacturer of Sealing Parts

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TEST REPORT

MATERIAL : ECO 80 DURO BLACK

COMPOUND NO. : O8001B

A)PHYSICAL PROPERTIES

PRESS CURE @170 DEGREE C X t90)

POST CURE@140 DEGREE X 1HR

HARDNESS, SHORE A

TENSILE STRENGTH, MPa ,min

ELONGATION, % ,min

SPECIFIC GRAVITY

REQUIREMENTS TEST RESULTS

80±5 85

10 14.2

125 242

1.442

B)A25 HEAT RESISTANCE @125 DEGREE C X 70 HRS

HARDNESS CHANGE , POINTS

TENSILE STRENGTH CHANGE, %

ELONGATION CHANGE, %

0~+15 +5

-25 -4

-50 -33

C)B14 COMPRESSION SET

CURING CONDITIONS

PRESS CURE@170 DEGREE C X 10 MIN

POST CURE@140 DEGREE C X 1HR

HEAT AGING @ 100 DEGREE C X 22 HOURS % ,max

25 19

D)EO16 NO. 1 OIL RESISTANCE @150 DEGREE C X 70 HRS

HARDNESS CHANGE , POINTS

TENSILE STRENGTH CHANGE, %

ELONGATION CHANGE, %

VOLUME CHANGE, %

0~+10 +2

-20 -18

-40 -35

-15~+5 +4

E)EO36 NO. 3 OIL RESISTANCE @150 DEGREE C X 70 HRS

HARDNESS CHANGE , POINTS

TENSILE STRENGTH CHANGE, %

ELONGATION CHANGE, %

VOLUME CHANGE, %

±10 -4

-35 -29

-35 -33

0~+25 +5

NOTE:THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.

THIS COMPOUND O8001B CAN MEET ASTM D2000 M3CH810 A25 B14 EO16 EO36

QA Manager: Grace Chen

QC.Dept:Dolly Zhou

Test by:QC08