

**ESCORT SEAL***The Manufacturer of Sealing Parts*

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TEST REPORT

MATERIAL: FLOUSIL 70 DURO BLUE COMPOUND:F7041U

Spec. MIL-DTL-25988C Type II Class1 Grade 70

A) PHYSICAL PROPERTIES:

PRESS CURE @170 DEGREE C X 10 MIN

POST CURE @200 DEGREE C X 4 HR

HARDNESS, SHORE A

TENSILE STRENGTH, psi

ELONGATION, %

SPECIFIC GRAVITY

REQUIREMENTS

70 ± 5

950

150

TEST RESULT

72.2

1155

196

1.512

B) COMPRESSION SET

PRESS CURE @175 DEGREE C X 22 HR

PRESS CURE @23 DEGREE C X 70 HR

PRESS CURE @150 DEGREE C X 70 HR

25

15

30

12

8

12

C) HEAT RESISTANCE @200°C X 70HRS

HARDNESS CHANGE, MAX,POINTS

TENSILE STRENGTH CHANGE, MAX, %

ELONGATION CHANGE, MAX, %

VOLUME CHANGE, %

Spec.

-5±10

-20

-25

+1.4

-13

-2

-0.8

D) FLUID RESISTANCE @150°C X 70HRS (Mobil Jet Oil II)

HARDNESS CHANGE, MAX,POINTS

TENSILE STRENGTH CHANGE, MAX, %

ELONGATION CHANGE, MAX, %

VOLUME CHANGE, %

Spec.

±15

-40

-25

+1~+15

-5

-19

-4

+6

E) FLUID RESISTANCE @23°C X 22HRS (70% IsoOctane+30% Toluene)

HARDNESS CHANGE, MAX,POINTS

TENSILE STRENGTH CHANGE, MAX, %

ELONGATION CHANGE, MAX, %

VOLUME CHANGE, %

Spec.

-20

-45

-35

+1~+25

-9

-15

-22

+17.6

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

QA Manager: Dabou Ku

QC.Dept:Sindy Fan

Test by:QC08