



The Manufacturer of Sealing Parts

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TEST REPORT

MATERIAL : VITON 75 DURO BLACK

COMPOUND NO. : V7502B

A) PHYSICAL PROPERTIES:

PRESS CURE @170 DEGREE C X 10 MIN

POST CURE @230 DEGREE C X 24HRS

HARDNESS, SHORE A

TENSILE STRENGTH, MPa,min

ELONGATION, % ,min

SPECIFIC GRAVITY

REQUIREMENT	TEST RESULT
75+/-5	80
10	12.6
150	156
	1.795

B) AIR AGE 70 HOURS @250°C

HARDNESS CHANGE,POINTS

TENSILE STRENGTH CHANGE, % MAX

ELONGATION CHANGE, %,MAX

+10	+2
+10	-4
-25	-12

C) COMPRESSION SET

CURING CONDITIONS

PRESS CURE @170 DEGREE C X 20 MIN

POST CURE @230 DEGREE C X 24HRS

HEAT AGING @175 DEGREE C X 22 HRS, %,max

HEAT AGING @200 DEGREE C X 22 HRS, %,max

50	8
50	16

D) FLUID AGING ,ASTM D471

70 HOURS @ 23°C±3°C IN FUEL C

HARDNESS CHANGE,POINT

TENSILE STRENGTH CHANGE, %

ELONGATION CHANGE, %

VOLUME CHANGE, %

+/-5	-3
-25	-21
-20	-19
0~+10	+3

E) LOW TEMPERATURE BRITTLINESS

TESTS AFTER 3MIN AT -25 DEGREE C

NONBRITTLE

NOTE:THE ABOVE TEST WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.
THIS COMPOUND V7502B CAN MEET ASTM D2000 M2HK810 A1-10 B37 B38 EF31 F15

QA Manager: Grace Chen

QC.Dept:Dolly Zhou

Test by:QC08