



**ESCORT SEAL**

*The Manufacturer of Sealing Parts*

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## TEST REPORT

MATERIAL : FKM 80 DURO BLACK High strength COMPOUND NO. V8039B

**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
80+/-5	80
14	14.1
150	220
	1.843

**B)HEAT AGING @250 DEGREE C X 70 HRS.**

HARDNESS CHANGE, POINTS

TENSILE STRENGTH CHANGE, %

ELONGATION CHANGE, %

+10	+0
-25	-10
-25	-13

**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

50	14
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**D) FUEL C OIL IMMERSION @RT X 70 HRS**

HARDNESS CHANGE, POINTS

TENSILE STRENGTH CHANGE, %

ELONGATION CHANGE, %

VOLUME CHANGE, %

+/-5	-3
-25	-9
-20	-7
0~+10	+2

NOTE:THE ABOVE TEST WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.  
THIS COMPOUND V8039B CAN MEET ASTM D2000 M2HK814 A1-10 B37 EF31

**QA Manager: Grace Chen**

**QC.Dept:Dolly Zhou**

**Test by:QC08**

