



The Manufacturer of Sealing Parts

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TEST REPORT

MATERIAL : FKM 90 GREEN COMPOUND NO. : V9001G

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
90+/-5	88
10.0	10.5
100	178
	2.216

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

HARDNESS CHANGE, POINTS

TENSILE STRENGTH CHANGE, %

ELONGATION CHANGE, %

+ 10	+ 2
-25	+28
-25	-16

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

30	16
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D) FUEL C OIL IMMERSION @RT X 70 HRS

HARDNESS CHANGE, POINTS

TENSILE STRENGTH CHANGE, %

ELONGATION CHANGE, %

VOLUME CHANGE, %

+/- 5	-2
-25	-9
-20	+6
0~+10	+7

NOTE:THE ABOVE TEST WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.
THIS COMPOUND V9001G CAN MEET ASTM D2000 M3HK910 A1-10 B37 EF31

QA Manager: Grace Chen

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Test by:QC08