



The Manufacturer of Sealing Parts

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TEST REPORT

MATERIAL : FKM 75 RED

COMPOUND NO. V7501R

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

REQUIREMENTS

TEST RESULT

75 +/-5	75
7.0	10.9
150	287
	1.973

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

HARDNESS CHANGE, POINTS

TENSILE STRENGTH CHANGE, %

ELONGATION CHANGE, %

+10	+1
-25	+7
-25	-23

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	9
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D)FUEL C OIL IMMERSION @RT X 70 HRS

HARDNESS CHANGE, POINTS

TENSILE STRENGTH CHANGE, %

ELONGATION CHANGE, %

VOLUME CHANGE, %

+/-5	-4
-25	-25
-20	-11
0~+10	+3

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

THIS COMPOUND V7501R CAN MEET ASTM D2000 M2HK807 A1-10 B37 EF31 Z1(Z1=RED COLOR)

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Test by:QC08