

## TEST REPORT

MATERIAL SIL60 DURO RED HIGH TEMP

COMPOUND NO.S6062R

**A)PHYSICAL PROPERTIES**

PRESS CURE @170 DEGREE C X 10MIN)

POST CURE @200 DEGREE C X 4HRS

HARDNESS PTS

TENSILE STRENGTH, MPa

ELONGATION, %

SPECIFIC GRAVITY

REQUIREMENTS	TEST RESULT
60+/-5	63
6.0	8.9
200	333
	1.144

**B) HEAT RESISTANCE @225 DEGREE C X 70 HRS**

HARDNESS CHANGE, PTS

TENSILE STRENGTH CHANGE, %

ELONGATION CHANGE, %

+10	+3
-25	-9
-30	-19

**C)COMPRESSION SET:**

PRESS CURE @170 DEGREE C X 20MIN)

POST CURE @200 DEGREE C X 4HRS

HEAT AGING @175 DEGREE C X 22 HRS

HEAT AGING @150 DEGREE C X 70 HRS

25	15
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**D) WATER RESISTANCE, TESTS @100°C X 70HRS**

HARDNESS CHANGE, POINTS

VOLUME CHANGE, %

+/-5	-1
+/-5	+0

**E) ASTM NO. 1 OIL: @150 DEGREE C X 70 HRS**

HARDNESS CHANGE, POINTS

TENSILE STRENGTH CHANG, %

ELONGATION CHANGE, %

VOLUME CHANGE, %

0~-15	-8
-20	-4
-20	-5
0~+10	+8

**F) ASTM NO. 3 OIL: @150 DEGREE C X 70 HRS**

HARDNESS CHANGE, PTS

VOLUME CHANGE, %

-30	-22
+60	+48

**G)LOW TEMPERATURE BRITTLINESS**

TESTS AFTER 3MIN AT -64 DEGREE C

PASS	NONBRITTLE
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NOTE:THE ABOVE TEST WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCEONLY

THIS COMPOUND S6062R CAN MEET ASTM D2000 M5GE606 A19 B37 EA14 EO16 EO36 F19 Z1(Z1=HIGH TEMP)

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Test by:QC08

