

TEST REPORT

MATERIAL : SIL70 DURO RED HIGH STRENGTH

COMPOUND NO. S7039R

A)PHYSICAL PROPERTIES

PRESS CURE @170 DEGREE C X 10MIN)

POST CURE @200 DEGREE C X 4HRS

HARDNESS PTS

TENSILE STRENGTH, MPa, min

ELONGATION, %,min

SPECIFIC GRAVITY

REQUIREMENTS	TEST RESULT
70+/-5	72
7.0	7.6
200	419
	1.232

B) HEAT RESISTANCE @225 DEGREE C X 70 HRS

HARDNESS CHANGE, PTS

TENSILE STRENGTH CHANGE, %

ELONGATION CHANGE, %

+10	+10
-40	+5
-40	-39

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,max

45	16
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D) ASTM NO. 1 OIL: @150 DEGREE C X 70 HRS

HARDNESS CHANGE, POINTS

TENSILE STRENGTH CHANG, %

ELONGATION CHANGE, %

VOLUME CHANGE, %

0~-15	-4
-50	-37
-50	-50
0~+20	+8

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

HARDNESS CHANGE, PTS

VOLUME CHANGE, %

---	-21
---	+51

NOTE:THE ABOVE TEST WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY
THIS COMPOUND S7039R CAN MEET ASTM D2000 M3FC707 A19 B37 EO16

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Test by:QC08

