

## TEST REPORT

MATERIAL :SIL 70 DURO LOW TEMP      COMPOUND NO.S7063R

**A)PHYSICAL PROPERTIES**

PRESS CURE @170 DEGREE C X 10MIN

POST CURE @200 DEGREE C X 4 HRS

	REQUIREMENTS	TEST RESULT
HARDNESS,SHORE A	70+/-5	75
TENSILE STRENGTH, MPA	5.0	8.2
ELONGATION, %	150	327
SPECIFIC GRAVITY		1.224

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

HARDNESS CHANGE, PTS	+10	+3
TENSILE STRENGTH CHANGE, %	-25	-23
ELONGATION CHANGE, %	-30	-30

**C) COMPRESSION SET**

CURING CONDITIONS

PRESS CURE@170 DEGREE C X 20 MIN

POST CURE@200 DEGREE C X 4 HRS

HEAT AGING@ 175 DEGREE C X 22HRS, %	30	24
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**D) ASTM NO. 1 OIL @ 150 DEGREE C X 70 HRS**

HARDNESS CHANGE, POINTS	0~-15	-8
TENSILE STRENGTH CHANGE %	-20	-16
ELONGATION CHANGE, %	-20	-8
VOLUME CHANGE, %	0~+15	+11

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

HARDNESS CHANGE, PTS	-40	-32
VOLUME CHANGE, %	+60	+57

**F) LOW TEMPERATURE BRITTLINESS**

TESTS AFTER 3MIN AT -80 DEGREE C      NONBRITTLE

NOTE:THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.  
THIS COMPOUND S7063R CAN MEET ASTM D2000 M7GE705 A19 B37 EO16 EO36

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Test by:QC08

