

## TEST REPORT

MATERIAL : SIL80 DURO WHITE    COMPOUND NO. S8001W

**A)PHYSICAL PROPERTIES**

PRESS CURE @170 DEGREE C X 10MIN)

POST CURE @200 DEGREE C X 4HRS

	REQUIREMENTS	TEST RESULT
HARDNESS ,SHORE A	80+/-5	84
TENSILE STRENGTH, MPa, min	6.0	7.6
ELONGATION, %,min	100	112
SPECIFIC GRAVITY		1.414

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

HARDNESS CHANGE, PTS	+10	+0
TENSILE STRENGTH CHANGE, %	-25	-7
ELONGATION CHANGE, %	-30	-7

**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	25	22
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**D) ASTM NO. 1 OIL: @150 DEGREE C X 70 HRS**

HARDNESS CHANGE, POINTS	0~-15	-6
TENSILE STRENGTH CHANG, %	-20	+0
ELONGATION CHANGE, %	-20	+7
VOLUME CHANGE, %	0~+10	+6

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

HARDNESS CHANGE, PTS	-30	-17
VOLUME CHANGE, %	+60	+31

NOTE:THE ABOVE TEST WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCEONLY  
THIS COMPOUND S8001W CAN MEET ASTM D2000 M5GE806 A19 B37 EO16 EO36



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Test by:QC08