

## TEST REPORT

MATERIAL : SIL 50 DURO RED

COMPOUND NO. S5001R

**A)PHYSICAL PROPERTIES**

PRESS CURE @170 DEGREE C X 10MIN

POST CURE @200 DEGREE C X 4 HRS

	REQUIREMENTS	TEST RESULT
HARDNESS,SHORE A 硬度	50+/-5	53
TENSILE STRENGTH, MPA ,min 拉力强度	5.0	9.2
ELONGATION, % ,min 延伸率	250	339
SPECIFIC GRAVITY 比重		1.144

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

HARDNESS CHANGE, PTS 硬度变化	+10	+0
TENSILE STRENGTH CHANGE, %拉力强度变化率	-25	-13
ELONGATION CHANGE, % 延伸率变化率	-30	-11

**C) COMPRESSION SET 压缩永久变形试验**

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, %,max	25	16
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**D) ASTM NO. 1 OIL @ 150 DEGREE C X 70 HRS 耐 1#油试验**

HARDNESS CHANGE, POINTS 硬度变化	0~-15	-7
TENSILE STRENGTH CHANGE %拉力强度变化率	-20	-3
ELONGATION CHANGE, %延伸率变化率	-20	-1
VOLUME CHANGE, %体积变化率	0~+10	+7

**E) ASTM NO. 3 OIL @ 150 DEGREE C X 70 HRS 耐 3#油试验**

HARDNESS CHANGE, PTS 硬度变化	-30	-16
VOLUME CHANGE, %体积变化率	+60	+50

NOTE:THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.  
THIS COMPOUND S5001R CAN MEET ASTM D2000 M5GE505 A19 B37 EO16 EO36



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Test by:QC08