

## TEST REPORT

MATERIAL SIL90 DURO RED COMPOUND NO. :S9001R

### A)PHYSICAL PROPERTIES

PRESS CURE @170 DEGREE C X 10MIN)

POST CURE @200 DEGREE C X 4HRS

	REQUIREMENTS	TEST RESULT
HARDNESS ,SHORE A 硬度	90+/-5	94
TENSILE STRENGTH, MPa,min 拉力强度	3.0	7.4
ELONGATION, % ,min 延伸率	50	58
SPECIFIC GRAVITY 比重		1.25

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

HARDNESS CHANGE, PTS 硬度变化

TENSILE STRENGTH CHANGE, %拉力强度变化率

ELONGATION CHANGE, % 延伸率变化率

	+10	+0
	-25	-9
	-30	-25

### C)COMPRESSION SET:压缩永久变形试验

PRESS CURE @170 DEGREE C X 20MIN)

POST CURE @200 DEGREE C X 4HRS

HEAT AGING @175 DEGREE C X 22 HRS ,max

	30	24
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### E) ASTM NO. 1 OIL: @150 DEGREE C X 70 HRS 耐 1#油试验

HARDNESS CHANGE, POINTS 硬度变化

TENSILE STRENGTH CHANG, %拉力强度变化率

ELONGATION CHANGE, %延伸率变化率

VOLUME CHANGE, % 体积变化率

	0~-15	-3
	-20	-4
	-20	-14
	0~+10	+5

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

HARDNESS CHANGE, PTS 硬度变化

VOLUME CHANGE, %体积变化率

	-40	-10
	+60	+23

NOTE:THE ABOVE TEST WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY  
THIS COMPOUND S9001R CAN MEET ASTM D2000 M6GE903 A19 B37 EO16 EO36.

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