

## TEST REPORT

MATERIAL : SIL80 DURO CLEAR      COMPOUND NO. S8001C

### 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	80+/-5	83
TENSILE STRENGTH, MPa,min 拉力强度	6.0	7.0
ELONGATION, %,min 延伸率	100	132
SPECIFIC GRAVITY 比重		1.214

### 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      -14

ELONGATION CHANGE, %延伸率变化率

-30      -13

### 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      25      14

### 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      -8

TENSILE STRENGTH CHANG, %拉力强度变化率

-20      +3

ELONGATION CHANGE, %延伸率变化率

-20      +3

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      -23

VOLUME CHANGE, % 体积变化率

+60      +39

NOTE: THE ABOVE TEST WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY  
THIS COMPOUND S8001C CAN MEET ASTM D2000 M5GE806 A19 B37 EO16 EO36

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Test by:QC08

