

TEST REPORT

MATERIAL SIL70 DURO WHITE HIGH TEMP

COMPOUND NO.S7062W

A)PHYSICAL PROPERTIES

PRESS CURE @170 DEGREE C X 10MIN)

POST CURE @200 DEGREE C X 4HRS

HARDNESS ,SHORE A 硬度

74

TENSILE STRENGTH, MPa,min 拉力强度

ELONGATION, %,min 延伸率

SPECIFIC GRAVITY 比重

REQUIREMENTS TEST RESULT

70+/-5

6.0 9.9

150 246

1.203

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

HARDNESS CHANGE, PTS 硬度变化率

+10 +5

TENSILE STRENGTH CHANGE, %拉力强度变化率

-25 -19

ELONGATION CHANGE, %延伸率变化率

-30 -28

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

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

HARDNESS CHANGE, POINTS 硬度变化率

0~-15 -7

TENSILE STRENGTH CHANG, %拉力强度变化率

-20 -18

ELONGATION CHANGE, %延伸率变化率

-20 -17

VOLUME CHANGE, %体积变化率

0~+10 +10

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

HARDNESS CHANGE, PTS 硬度变化率

-30 -22

VOLUME CHANGE, %体积变化率

+60 +49

NOTE:THE ABOVE TEST WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY

THIS COMPOUND S7062W CAN MEET ASTM D2000 M5GE706 A19 B37 EO16 EO36 Z1(Z1=HIGH TEMP 300°C)

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Test by:QC08