

TEST REPORT

MATERIAL : SIL70 WHITE COMPOUND NO. : S7001W

A)PHYSICAL PROPERTIES

PRESS CURE @170 DEGREE C X 10MIN)

POST CURE @200 DEGREE C X 4HRS

HARDNESS Shore A 硬度

TENSILE STRENGTH, MPa,min 拉力强度

ELONGATION, % ,min 延伸率

SPECIFIC GRAVITY 比重

REQUIREMENT TEST RESULT

70+/-5 70

5.0 8.2

150 251

1.219

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 -11

ELONGATION CHANGE,延伸率变化率

-45 -12

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 19

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 CHANGE, % 拉力强度变化率

-20 -2

ELONGATION CHANGE, %延伸率变化率

-20 -9

VOLUME CHANGE, %体积变化率

0~+15 +5

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

HARDNESS CHANGE, PTS 硬度变化

-40 -29

VOLUME CHANGE, %体积变化率

+60 +44

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

THIS COMPOUND S7001W CAN MEET ASTM D2000 M7GE705 A19 B37 EO16 EO36

Z1(Z1=ELONGATION CHANGE -45 max)



QA Manager: Grace Chen

QC.Dept:Dolly Zhou

Test by:QC08