

TEST REPORT

MATERIAL :PU70 DURO YELLOW

COMPOUND NO:U7001Y

A) PHYSICAL PROPERTIES

PRESS CURE @ 170 DEGREE C X 10 MIN

POST CURE @ 120 DEGREE C X 1HR

HARDNESS SHORE A 硬度

TENSILE STRENGTH, Mpa,min 拉力强度

ELONGATION, % 延伸率

SPECIFIC GRAVITY,min 比重

REQUIREMENTS

TEST RESULT

70+/-5 69

21 27.3

350 591

1.292

B)HEAT AGING @ 100 DEGREE C X 70 HRS 老化试验

HARDNESS CHANGE , POINTS 硬度变化

TENSILE STRENGTH CHANGE, % 拉力强度变化率

ELONGATION CHANGE, % 延伸率变化率

+/-5 +4

+/-15 -11

-15 -11

C)B14 COMPRESSION SET 压缩永久变形试验

CURING CONDITIONS

PRESS CURE @ 170 DEGREE C X 20 MIN

POST CURE@120 DEGREE C X 1HR

HEAT AGING @ 100 DEGREE C X 22 HRS % ,max

50 34

DE)FLUID RESISTANCE,TEST METHOD NO.1.oil @ 100 DEGREE C X70HRS 耐 1#油试验

HARDNESS CHANGE,MAX POINTS 硬度变化

TENSILE STRENGTH CHANGE,% 拉力强度变化率

ELONGATION CHANGE,% 延伸率变化率

VOLUME CHANGE 体积变化率

-7~+5 +3

-20 -9

-40 +16

-5~+5 -4

E)FLUID RESISTANCE,TEST METHOD NO.3.oil @ 100 DEGREE C X 70HRS 耐 3#油试验

HARDNESS CHANGE,MAX POINTS 硬度变化

TENSILE STRENGTH CHANGE,% 拉力强度变化率

ELONGATION CHANGE,% 延伸率变化率

VOLUME CHANGE 体积变化率

-10~+5 +3

-35 -20

-40 +15

0 ~ + 6 + 3

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

THIS COMPOUND U7001Y CAN MEET ASTM D2000 M4BG721 A14 B14 B34 EO14 EO34

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Test by:QC08

