

TEST REPORT

MATERIAL : ECO 70 DURO BLACK

COMPOUND NO. : O7001B

A)PHYSICAL PROPERTIES

PRESS CURE @170 DEGREE C X t90)

POST CURE@140 DEGREE X 1HR

HARDNESS, SHORE A

TENSILE STRENGTH, MPa ,min

ELONGATION, %,min

SPECIFIC GRAVITY,

REQUIREMENTS TEST RESULTS

70±5 68

8.0 9.0

200 216

1.437

B)A25 HEAT RESISTANCE @125 DEGREE C X 70 HRS

HARDNESS CHANGE , POINTS

TENSILE STRENGTH CHANGE, %

ELONGATION CHANGE, %

0~+15 +1

-25 -4

-50 -10

C)B14 COMPRESSION SET

CURING CONDITIONS

PRESS CURE@170 DEGREE C X 10 MIN

POST CURE@140 DEGREE C X 1HR

HEAT AGING @ 100 DEGREE C X 22 HOURS %

25 7

D)EO16 NO. 1 OIL RESISTANCE @125 DEGREE C X 70 HRS

HARDNESS CHANGE , POINTS

TENSILE STRENGTH CHANGE, %

ELONGATION CHANGE, %

VOLUME CHANGE, %

0~+10 +4

-20 +6

-40 -2

-15~+5 -5

E)EO36 NO. 3 OIL RESISTANCE @125 DEGREE C X 70 HRS

HARDNESS CHANGE , POINTS

TENSILE STRENGTH CHANGE, %

ELONGATION CHANGE, %

VOLUME CHANGE, %

±10 -2

-35 -4

-35 -8

0~+25 +3

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

THIS COMPOUND O7001B CAN MEET ASTM D2000 M2CH708 A25 B14 EO15 EO35

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Test by:QC08