

TEST REPORT

MATERIAL : VT 80 IRHD BLACK

COMPOUND NO. V8J01B

A)PHYSICAL PROPERTIES:

PRESS CURE @170 DEGREE C X 10 MIN

POST CURE @230 DEGREE C X 24HRS

HARDNESS, IRHD 硬度

TENSILE STRENGTH, MPa ,min 拉力強度

ELONGATION, %,min 延伸率

SPECIFIC GRAVITY 比重

REQUIREMENT

TEST RESULT

80+/-5

81

10.0

11.4

100

104

1.825

B)HEAT AGING @250 DEGREE C X 70 HRS 老化試驗

HARDNESS CHANGE, POINTS 硬度變化

+10

+2

TENSILE STRENGTH CHANGE, %拉力強度變化率

-25

-9

ELONGATION CHANGE, %延伸率變化率

-25

-25

C)COMPRESSION SET 壓縮永久變形試驗

CURING CONDITIONS

PRESS CURE @170 DEGREE C X 20 MIN

POST CURE @230 DEGREE C X 24HRS

HEATAGING @175 DEGREE C X 22HRS , % , max

30

12

D) FUEL C OIL IMMERSION @RT X 70 HRS

HARDNESS CHANGE, POINTS 硬度變化

+/-5

-2

TENSILE STRENGTH CHANGE, %拉力強度變化率

- 25

-11

ELONGATION CHANGE, %延伸率變化率

-20

-11

VOLUME CHANGE, %體積變化率

0~+10

+3

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

QA Manager: Dabou Gu

QC.Dept:Lingling.Li

Test by:QC08