

TEST REPORT

MATERIAL : VT 80 BROWN

COMPOUND NO. V8002N

A)PHYSICAL PROPERTIES:

PRESS CURE @170 DEGREE C X 10 MIN

POST CURE @230 DEGREE C X 24HRS

HARDNESS, SHORE A

TENSILE STRENGTH, MPa ,min

ELONGATION, %,min

SPECIFIC GRAVITY

REQUIREMENT	TEST RESULT
80+/-5	81
10.0	10.2
150	156
	2.288

B)HEAT AGING @250 DEGREE C X 70 HRS.

HARDNESS CHANGE, POINTS

TENSILE STRENGTH CHANGE, %

ELONGATION CHANGE, %

+10	+2
-25	+3
-25	-24

C)COMPRESSION SET

CURING CONDITIONS

PRESS CURE @170 DEGREE C X 20 MIN

POST CURE @230 DEGREE C X 24HRS

HEAT AGING @175 DEGREE C X 22 HRS, %,max

50	6
----	---

D) FUEL OIL IMMERSION @RT X 70 HRS

HARDNESS CHANGE, POINTS

TENSILE STRENGTH CHANGE, %

ELONGATION CHANGE, %

VOLUME CHANGE, %

+/-5	-3
-25	-23
-20	-19
0~+10	+3

NOTE:THE ABOVE TEST WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.
THIS COMPOUND V8002N CAN MEET ASTM D2000 M2HK810 A1-10 B37 EF31



QA Manager: Grace Chen

QC.Dept:Dolly Zhou

Test by:QC08