

## TEST REPORT

MATERIAL : FKM 70 DURO BROWN      COMPOUND NO. V7001N

**A)PHYSICAL PROPERTIES:**

PRESS CURE @170 DEGREE C X 10 MIN

POST CURE @230 DEGREE C X 24HRS

	REQUIREMENT	TEST RESULT
HARDNESS,SHORE A 硬度	70+/- 5	72
TENSILE STRENGTH, MPa ,min 拉力强度	10	10.8
ELONGATION, %,min 延伸率	175	242
SPECIFIC GRAVITY 比重		2.001

**B)HEAT AGING @250 DEGREE C X 70 HRS.老化试验**

	REQUIREMENT	TEST RESULT
HARDNESS CHANGE, POINTS 硬度变化	+10	+0
TENSILE STRENGTH CHANGE, %拉力强度变化率	-25	+10
ELONGATION CHANGE, %延伸率变化率	-25	-17

**C)COMPRESSION SET 压缩永久变形试验**

CURING CONDITIONS

PRESS CURE @170 DEGREE C X 20 MIN

POST CURE @230 DEGREE C X 24HRS

	REQUIREMENT	TEST RESULT
HEAT AGING @175 DEGREE C X 22 HRS, %,max	50	6

**D) FUEL C OIL IMMERSION @RT X 70 HRS 耐燃油 C 试验**

	REQUIREMENT	TEST RESULT
HARDNESS CHANGE, POINTS 硬度变化	+/- 5	-3
TENSILE STRENGTH CHANGE, %拉力强度变化率	-25	-14
ELONGATION CHANGE, %延伸率变化率	-20	+4
VOLUME CHANGE, %体积变化率	0~+10	+2

NOTE:THE ABOVE TEST WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.  
THIS COMPOUND V7001N CAN MEET ASTM D2000 M2HK710 A1-10 B37 EF31



QA Manager: Grace Chen

QC.Dept:Dolly Zhou

Test by:QC08