



The Manufacturer of Sealing Parts

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TEST REPORT

MATERIAL : VT 90 BLACK

COMPOUND NO. V9002B

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	90+/-5	93
TENSILE STRENGTH, MPa ,min 拉力强度	10.0	11.4
ELONGATION, %,min 延伸率	100	104
SPECIFIC GRAVITY 比重		1.825

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

HARDNESS CHANGE, POINTS 硬度变化	+ 10	+ 2
TENSILE STRENGTH CHANGE, %拉力强度变化率	-25	-9
ELONGATION CHANGE, %延伸率变化率	-25	-25

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

HEAT AGING @175 DEGREE C X 22 HRS, %,max	30	12
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D) FUEL C OIL IMMERSION @RT X 70 HRS

HARDNESS CHANGE, POINTS 硬度变化	+/- 5	-2
TENSILE STRENGTH CHANGE, %拉力强度变化率	-25	-11
ELONGATION CHANGE, %延伸率变化率	-20	-11
VOLUME CHANGE, %体积变化率	0~+10	+3

NOTE:THE ABOVE TEST WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.
THIS COMPOUND V9002B CAN MEET ASTM D2000 M3HK910 A1-10 B37 EF31

QA Manager: Grace Chen

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Test by:QC08