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The Manufacturer of Sealing Parts

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TEST REPORT

MATERIAL : NBR 40 DURO BLACK LOW TEMP COMPOUND NO. : N4063B

A)PHYSICAL PROPERTIES (PRESS CURE @170 DEGREE C X 10min)	REQUIREMENTS	TEST RESULT
HARDNESS ,SHORE A	40+/-5	43
TENSILE STRETCH, MPa,min	10	14.3
ELONGATION , %,min	450	568
SPECIFIC GRAVITY		1.14
B) HEAT RESISTANCE @100 DEGREE C X 70 HRS		
HARDNESS CHANGE, POINTS	+/-15	+3
TENSILE STRENGTH CHANGE , %	-20	-6
ELONGATION CHANGE, %	-40	+9
C) COMPRESSION SET 100 DEGREE C X 70 HRS		
SET , % ,max	25	22
D) NO. 1 OIL RESISTANCE @100 DEGREE C X 70 HRS		
HARDNESS CHANGE, POINTS	-5~+15	+12
TENSILE STRENGTH CHANGE , %	-25	+22
ELONGATION CHANGE	-45	-37
VOLUME CHANGE , %	-10~+5	-10
E) NO. 3 OIL RESISTANCE @100 DEGREE C X 70 HRS		
HARDNESS CHANGE ,POINTS	0~-15	+0
TENSILE STRENGTH CHANGE , %	-45	-28
ELONGATION CHANGE	-45	-21
VOLUME CHANGE, %	0~+35	+1
F) LOW TEMPERATURE BRITTLENESS		
TESTS AFTER 3MIN AT -53 DEGREE C		NONBRITTLE

NOTE:THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.
THIS COMPOUND N4063B CAN MEET ASTM D2000 M5BG410 A14 B14 EO14 EO34 F18

QA Manager: Grace Chen QC.Dept:Dolly Zhou Test by:QC08