



The Manufacturer of Sealing Parts

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TEST REPORT

MATERIAL : FDA NBR 90 DURO BLACK COMPOUND NO. : N9011B

A) PHYSICAL PROPERTIES

PRESS CURE@170 DEGREE C X 10 MIN

POST CURE@120 DEGREE C X 1HR

	REQUIREMENTS	TEST RESULT
HARDNESS ,SHORE A	90+/-5	95
TENSILE, STRENGTH MPa,min	10	13.2
ELONGATION, %,min	100	154
SPECIFIC GRAVITY		1.54

C)HEAT RESISTANCE @100°C X70HRS

HARDNESS CHANGE, POINTS	+15	+1
TENSILE STRENGTH CHANGE, %	-20	+12
ELONGATION CHANGE, %	-40	-11

B)COMPRESSION SET

CURING CONDITIONS

PRESS CURE@170 DEGREE C X 12 MIN

POST CURE@120 DEGREE C X 1HR

HEAT <u>AGING@100</u> DEGREE C X 22HRS.% ,max	25	23
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D)ASTM NO.1 OIL IMMERSIONN @100°C X70HRS

HARDNESS CHANGE , POINTS	-5~+15	+0
TENSILE STRENGTH CHANGE, %	-25	+19
ELONGATION CHANGE, %	-45	-10
VOLUME CHANGE %	-10~+5	+0

E)ASTM IRM 903 OIL IMMERSIONN @100°C X70HRS

HARDNESS CHANGE , POINTS	0~-20	-7
TENSILE STRENGTH CHANGE, %	-45	+4
ELONGATION CHANGE, %	-45	+3
VOLUME CHANGE, %	0~+35	+14

NOTE:1.THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.
THIS COMPOUND N9011B CAN MEET ASTM D2000 M6BG910 A14 B14 EO14 EO34 EF11 EF21
2.THE COMPOUND IS COMPLY WITH FDA REGULATION ,BUT WE CAN NOT OFFER ANY
APPROVAL OR CERTIFICATION.

QA Manager: Grace Chen

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Test by:QC08